

CONFIDENTIAL

COPY  
FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

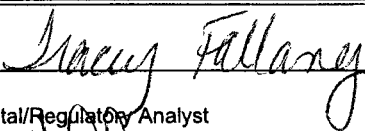
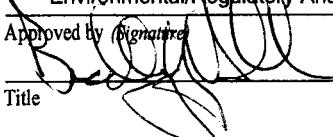
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-011604 SHL/UTU-73896 BHL
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. Prickly Pear / UTU-79487
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202		8. Lease Name and Well No. Prickly Pear Unit Federal 4-26D-12-15
3b. Phone No. (include area code) 303-312-8134		9. API Well No. pending 13-007-31441
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSW, 1326' FSL, 702' FWL At proposed prod. zone NWNW, 645' FNL, 621' FWL, Sec. 26		10. Field and Pool, or Exploratory Nine Mile/Wasatch-Mesaverde
14. Distance in miles and direction from nearest town or post office* approximately 50 miles from Myton, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 23, T12S-R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1357' SH / 1994' BH	16. No. of acres in lease 1920	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 16' SH / 1342' BH	19. Proposed Depth 7900' MD	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7261' graded ground	22. Approximate date work will start* 09/01/2008	23. Estimated duration 40 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature 	Name (Printed/Typed) Tracey Fallang	Date 08/05/2008
Title Environmental/Regulatory Analyst		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 08-13-08
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

Surf

Federal Approval of this  
Action is Necessary

BHL

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AUG 11 2008

DIV. OF OIL, GAS & MINING

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**T12S, R15E, S.L.B.&M.**

**BILL BARRETT CORPORATION**

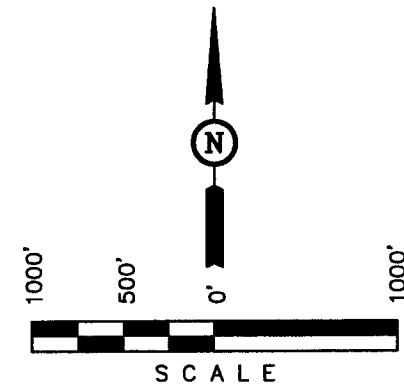
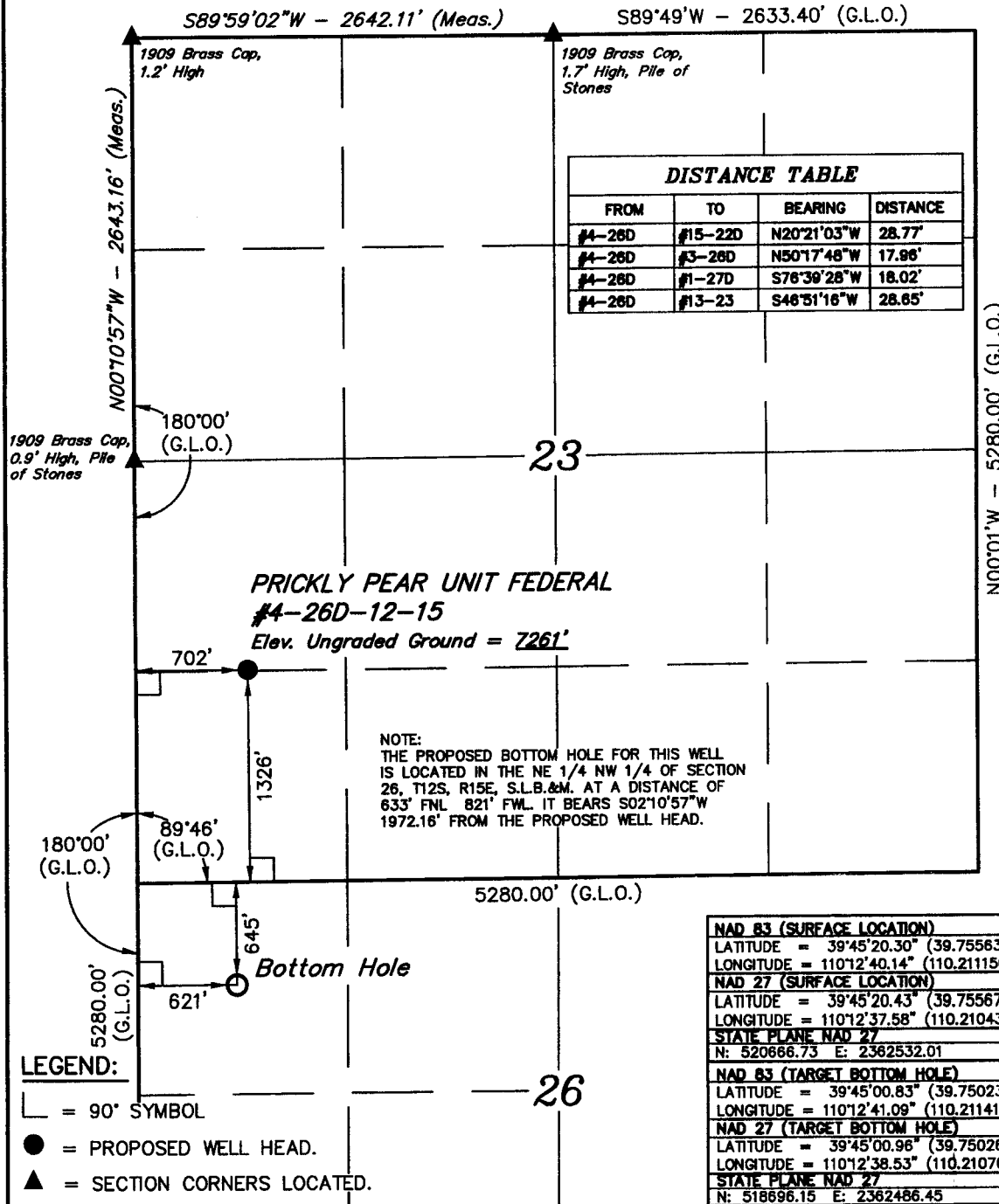
Well location, PRICKLY PEAR UNIT FEDERAL #4-26D-12-15, located as shown in the NW 1/4 SW 1/4 of Section 23, T12S, R15E, S.L.B.&M., Carbon County, Utah.

**BASIS OF ELEVATION**

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**ROBERT L. KAY**  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
**85 SOUTH 200 EAST - VERNAL, UTAH 84078**  
**(435) 789-1017**

SCALE 1" = 1000'	DATE SURVEYED: 06-25-08	DATE DRAWN: 07-02-08
PARTY L.K. D.D. C.C.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE BILL BARRETT CORPORATION	



August 5, 2008

Ms. Diana Mason  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11  
Prickly Pear UF 4-26D-12-15  
SHL: 1326' FSL & 702' FWL NWSW 23-T12S-R15E  
BHL: 645' FNL & 621' FWL NWNW 26-T12S-R15E  
Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area and within a Participating Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- Additional owners in Section 23 include XTO Energy, Inc. and Gasco Production Company. BBC will consult with these owners regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

*Doug Gundry - White by*  
Doug Gundry-White  
Senior Landman *TUF*

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AUG 11 2008

DIV. OF OIL, GAS & MINING

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

## DRILLING PROGRAM

BILL BARRETT CORPORATION

**Prickly Pear Unit Federal 4-26D-12-15**

NWSW, 1326' FSL, 702' FWL, Sec. 23, T12S-R15E (surface hole)

NWNW, 645' FNL, 621' FWL, Sec. 23, T12S-R15E (bottom hole)

# Carbon County, Utah

**1 – 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<b><u>Formation</u></b>	<b><u>Depth – MD</u></b>	<b><u>Depth – TVD</u></b>
Green River	Surface	Surface
Wasatch	3086'*	2968'*
North Horn	5283'*	4928'*
Dark Canyon	7000'*	6588'*
Price River	7190'*	6778'*
TD	7900'*	7500'*

## PROSPECTIVE PAY

\*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas.

### 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP
<ul style="list-style-type: none"> <li>- Drilling spool to accommodate choke and kill lines;</li> <li>- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;</li> <li>- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.</li> <li>- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.</li> </ul>	

#### 4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH (FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
12 ¼"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8" & 8 3/4"	surface	7,900'	5 ½"	17#	N-80	LT&C	New
			4 ½"	11.6#	I-100	LT&C	New

Note: BBC will use one of two options of production casing noted above. 7 7/8" hole size will begin at the point the bit is changed.



5. **Cementing Program**

9 5/8" Surface Casing	Approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess.
5 1/2" Production Casing  <b>OR</b>	Approximately 1550 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
4 1/2" Production Casing	Approximately 1880 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
Note: Actual volumes to be calculated from caliper log.	

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0 – 40'	8.3 – 8.6	27 – 40	--	Native Spud Mud
40' – 1000'	8.3 – 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.				
Note: In the event air drilling should occur at this location:				
<ul style="list-style-type: none"> <li>- Fresh water would be used to suppress the dust coming out. The blooie line, approximately 37' long and 6" diameter, would run from the pit to the wellhead. There is no ignition system as burnable gas should not be encountered.</li> <li>- Capacity of compressor: 1250SCFM with an 1170 SCFM on standby, which would be located very near the wellbore. The compressor has switches to shut off should any problems be encountered.</li> <li>- The rig has mud pumps capable of pumping the kill fluid (fresh water), of which there is 500 bbls on location at all times.</li> </ul>				

7. **Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation  
Drilling Program  
Prickly Pear Unit Federal #4-26D-12-15  
Carbon County, Utah

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3705 psi\* and maximum anticipated surface pressure equals approximately 2011 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure = A – (0.22 x TD)

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9. **Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. **Drilling Schedule**

Location Construction:	September 1, 2008
Spud:	September 10, 2008
Duration:	10 days drilling time
	30 days completion time

## **SURFACE USE PLAN**

### **BILL BARRETT CORPORATION**

#### **Prickly Pear Unit Federal #13-23-12-15 Pad Wells**

<b><u>Prickly Pear Unit Federal 12-23D-12-15</u></b> NWSW, 1372' FSL, 714' FWL, Sec. 23, T12S-R15E (surface hole) NWSW, 1998' FSL, 624' FWL, Sec. 23, T12S-R15E (bottom hole) Carbon County, Utah	<b><u>Prickly Pear Unit Federal 11-23D-12-15</u></b> NWSW, 1357' FSL, 710' FWL, Sec. 23, T12S-R15E (surface hole) NESW, 1994' FSL, 1945' FWL, Sec. 23, T12S-R15E (bottom hole) Carbon County, Utah
<b><u>Prickly Pear Unit Federal 14-23D-12-15</u></b> NWSW, 1341' FSL, 706' FWL, Sec. 23, T12S-R15E (surface hole) SESW, 673' FSL, 1943' FWL, Sec. 23, T12S-R15E (bottom hole) Carbon County, Utah	<b><u>Prickly Pear Unit Federal 4-26D-12-15</u></b> NWSW, 1326' FSL, 702' FWL, Sec. 23, T12S-R15E (surface hole) NWNW, 645' FNL, 621' FWL, Sec. 26, T12S-R15E (bottom hole) Carbon County, Utah

**The onsite for this pad occurred on July 11, 2008. This is an existing pad with one vertical well and three directional wells, four additional directional wells are planned. Minimal additional disturbance to the well pad is necessary for the additional wells.**

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. **Existing Roads:**

- a. The existing well pad is located approximately 49 miles from Myton, Utah. Maps reflecting directions to the proposed well pad are included (see Topographic Maps A and B).
- b. An access road, approximately 7870 feet in length exists to this pad. Total road disturbance requested for this access is 50-feet.
- c. Surface disturbance and vehicular travel would be limited to the approved existing access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- d. BBC would be responsible for all maintenance of the access road including drainage structures.
- e. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated since there are no upgrades to the State or County road systems are proposed at this time.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.
- g. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

2. **Planned Access Road:**

- a. See 1. b. under Existing Roads.

3. Location of Existing Wells (see Topographic Map C):

- a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed wells:

i. water wells	none
ii. injection wells	none
iii. disposal wells	none
iv. drilling wells	none
v. temp shut-in wells	none
vi. producing wells	8
vii. abandoned wells	1

4. Location of Production Facilities (see enclosed "Proposed Facility Layout"):

- a. All facilities (existing Prickly Pear 13-23 and proposed new wells) for this pad would be located adjacent to each other, as noted on the enclosed diagram. Each well would have its own meter run and separator and five 400-bbl tanks (1-oil, 2-water, 1-test, 1-blowdown) exist, no additional tanks are proposed
- b. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- d. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to.
- e. Gas meter runs would be constructed and located on lease within 500 feet of the wellheads. Meter runs are housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3. **Use of electronic flow meters (EFMs) for gas measurement purposes are requested with this application as well as use of flow conditioners (versus straightening vanes) for each new well.**
- f. A tank battery exists on this lease. All loading lines and valves would be placed inside the berm surrounding the tank battery or would have a secondary containment vessel. **Because all existing wells and proposed new wells on this pad fall within the Prickly Pear Unit and within an existing Participating Area, oil production for all eight wells will be piped into one oil tank. To allocate production, a monthly 24-hour test will be run for each well into the test tank.**
- g. Any necessary pits would be properly fenced to prevent any wildlife and livestock entry.
- h. All access roads would be maintained as necessary to prevent erosion and accommodate year-round traffic as practicable. The roads would be maintained in a safe, useable condition.

- i. The site would require periodic maintenance to ensure that drainages are kept open and free of debris and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- j. An 8-inch surface-laid pipeline, approximately 7970 feet in length, exists to this location. No additional pipeline is needed

5. Location and Type of Water Supply:

- a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under Application Number 90-1853 (T76109) which expires April 3, 2009 or an existing water well in Sec. 13, T12S-R14E granted by the Utah State Engineer's Office under Application Number 90-1849 (T75896) which expires September 13, 2008.
- b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken off-lease.
- c. If any additional gravel is required, it would be obtained from SITLA materials permits or from federal BBC locations within the Prickly Pear unit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.
- b. Drill cuttings would be contained and buried on site.
- c. The reserve pit will be located outboard of the location along the west side of the pad.
- d. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- e. If necessary, the reserve pit would be lined with a 12 mil minimum thickness polyethylene nylon reinforced liner material. The liner would overlay straw, soil and/or bentonite if rock is encountered during excavation. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner would be disposed of in the pit. Pit walls would be sloped no greater than 2:1 and the depth of the reserve pit would be approximately 8-feet with a minimum of 2 foot freeboard.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit would be fenced before drilling starts. The fourth side would be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production would be rehabilitated as per the plans for reclamation of surface (10. below).

- g. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) in quantities over 10,000 pounds that may be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of each well include diesel fuel, hydrochloric acid and silica sand. This material would be consumed in the drilling and completion process. No extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- h. Trash would be contained in a trash cage or roll-off container and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container would be hauled off periodically to the approved Carbon or Uintah County Landfill.
- i. Produced fluids from each well other than water would be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids would be cleaned up and removed.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities, evaporated in the pit, or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- l. Sanitary facilities would be on site at all times during operations. Sewage would be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.
- m. Any liquid hydrocarbons produced during completion work would be contained in test tanks on the well location. The tanks would be removed from location at a later date. A flare pit may be constructed a minimum of 110' from the wellheads and may be used during completion work. In the event a flare pit proves to be unworkable in this situation, a flare stack would be installed. BBC would flow back as much fluid and gas as possible into vessels, separating the fluid from the gas. The fluid would then be either returned to the reserve pit or placed into a tank. Gas would be then directed into the flare pit or the flare stack with a constant source of ignition. Natural gas would be directed to the pipeline as soon as pipeline gas quality standards are met.
- n. Hydrocarbons would be removed from the reserve pit as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6.
- b. The rig layout and cross section diagrams are enclosed (see Location Layout and Cross Section Plats).
- c. The pad and road designs are consistent with BLM specifications.
- d. Minimal additional disturbance is necessary to accommodate the additional wells being added. The pad dimensions are 504' x 170' with a reserve pit of 250' x 100'.
- e. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- f. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- g. Diversion ditches would be constructed, if necessary, around the well pad to prevent surface waters from entering the area.
- h. The stockpiled topsoil (first 6 inches or maximum available) would be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil would be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- i. Pits would remain fenced until site cleanup.
- j. If air drilling occurs, the blooie line would be located at least 100 feet from the individual well head and would run from the each wellhead directly to the pit.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Producing Wells

- a. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location.
- b. The reserve pit would be closed as soon as reasonably practical, but no later than 90 days from completion of the last well on the pad, provided favorable weather conditions and that there are no plans to re-use the pit within one year. An extension may be given at the discretion of the BLM Authorized Officer. The following are requirements for pit closures:
  - Squeezing of pit fluids and cuttings is prohibited;
  - Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil;

- Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade;
  - If a liner was used, the polyethylene nylon reinforced liner shall be torn and perforated before backfilling;
  - The operator would be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
  - The operator shall contact the BLM Authorized Officer at least 48-hours prior to the filling and reclamation of pits and the start of any reclamation such as recontouring and reseeding.
- c. Reclamation requirements would be dependant upon plans for subsequent drilling activity on the pad. The operator shall contact the BLM Authorized Officer within 90 days of completion of the last well on the pad and provide plans for subsequent pad use.
- In the event that the operator plans to re-occupy the pad within three years, the operator shall seed the unused portions of the pad with a cover crop as approved for this use by the BLM. If necessary, this cover crop would be replanted each year that the pad remains in an un-reclaimed state. Unless otherwise specifically authorized, no pad shall remain in an un-reclaimed state for more than three years.
    - Cover crops would be seeded by broadcasting seed over all unused portions of the pad. Seed would be covered with soil to the appropriate depth by raking or other methods.
  - In the event there are no plans to re-occupy the pad within three years, interim reclamation activities would begin within 90 days. The operator would use the BLM approved seed mix and would seed during the first suitable seeding season.
    - Interim reclamation drill seeding would be conducted on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% would be used.
  - Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the BLM prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.
- d. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

Dry Hole

- a. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs:



11. Surface and Mineral Ownership:

- a. Surface ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- b. Mineral ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

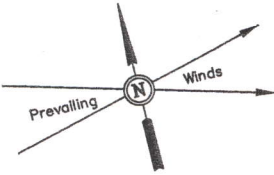
- a. Montgomery Archaeological Consultants conducted a Class III archeological survey. A copy of the report was submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 05-447 dated October 21, 2005.
- b. Areas in the proposed drilling program where fluids escaping the wellbore and exiting onto a hillside might occur will be identified. In those cases, cement and/ or fluid loss compounds (types of lost circulation fluids) would be utilized to heal up vags and cracks. Upon individual evaluation of the proposed well sites, air drilling the hole to surface casing depth may occur.
- c. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24” to 48” wide and is approximately 10’ tall. Combustor placement would be on existing disturbance and would not be closer than 100’ to any tank or wellhead.

# Proposed Facility Layout

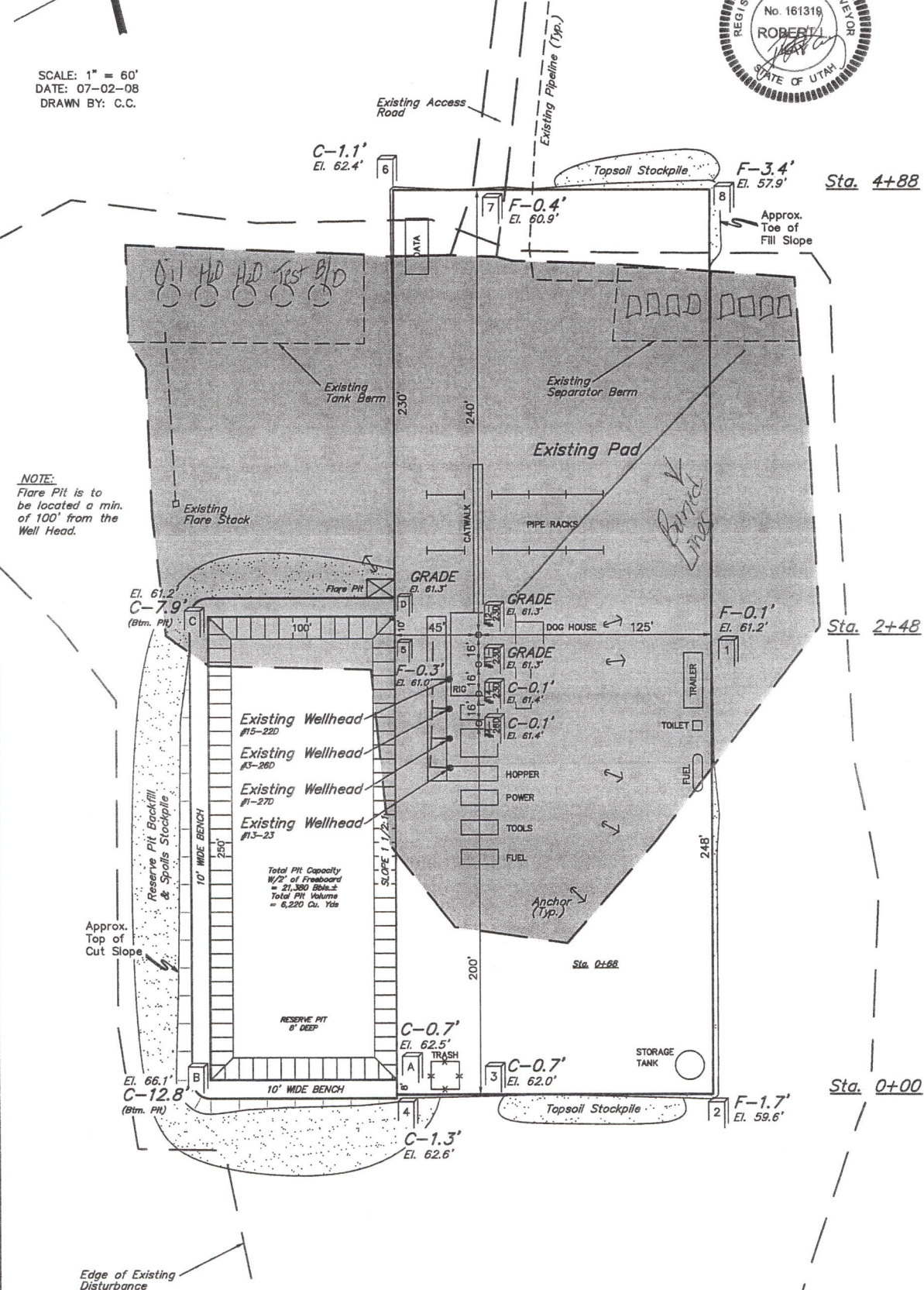
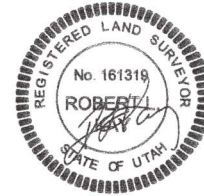
BILL BARRETT CORPORATION  
LOCATION LAYOUT FOR

FIGURE #1

PRICKLY PEAR UNIT FEDERAL #12-23D-12-15,  
#11-23D-12-15, #14-23D-12-15 & #4-26D-12-15  
SECTION 23, T12S, R15E, S.L.B.&M.  
NW 1/4 SW 1/4



SCALE: 1" = 60'  
DATE: 07-02-08  
DRAWN BY: C.C.



Elev. Ungraded Ground at #12-23D Location Stake = 7261.3'  
Elev. Graded Ground at #12-23D Location Stake = 7261.3'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

## OPERATOR CERTIFICATION

### Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this 16<sup>th</sup> day of August 2008

Name: Tracey Fallang

Position Title: Regulatory Analyst

Address: 1099 18<sup>th</sup> Street, Suite 2300, Denver, CO 80202

Telephone: 303-312-8134

Field Representative Fred Goodrich

Address: 1820 W. Hwy 40, Roosevelt, UT 84066

Telephone: 435-725-3515

E-mail: \_\_\_\_\_

Tracey Fallang  
Tracey Fallang, Environmental/Regulatory Analyst

Well name: **Utah: West Tavaputs**

Operator: **Bill Barrett**

String type: **Surface**

Location: **Carbon County, UT**

**Design parameters:**

**Collapse**

Mud weight: 9.50 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Environment:**

H2S considered? No

Surface temperature: 75.00 °F

Bottom hole temperature: 89 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,000 ft

Design is based on evacuated pipe.

**Burst:**

Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface

pressure: 2,735 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 2,955 psi

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Annular backup: 9.50 ppg

Tension is based on buoyed weight.

Neutral point: 859 ft

**Re subsequent strings:**

Next setting depth: 10,000 ft

Next mud weight: 9.500 ppg

Next setting BHP: 4,935 psi

Fracture mud wt: 10.000 ppg

Fracture depth: 10,000 ft

Injection pressure 5,195 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.796	71.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8143  
FAX: (303) 312-8195

Date: August 1, 2003  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kernler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	<b>Uta: West Tavaputs</b>
Operator:	<b>Bill Barrett</b>
String type:	<b>Production</b>
Location:	<b>Uintah County, UT</b>

**Design parameters:**

**Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75.00 °F  
 Bottom hole temperature: 215 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 900 ft

**Burst**

Max anticipated surface

pressure: 4,705 psi

Internal gradient: 0.02 psi/ft

Calculated BHP 4,935 psi

Annular backup: 9.50 ppg

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	N-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	6290	1.275	4705	7740	1.65	146	348	2.39 J

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8143  
 FAX: (303) 312-8195

Date: August 1, 2003  
 Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name: Operator: <b>Bill Barrett Corporation</b> String type: <b>Production</b>	<h2 style="margin: 0;">West Tavaputs General</h2>
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**Design parameters:**
**Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

 H2S considered? No  
 Surface temperature: 60.00 °F

 Bottom hole temperature: 200 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft  
 Cement top: 2,500 ft

**Burst**

Max anticipated surface pressure: 2,735 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 4,935 psi

No backup mud specified.

**Tension:**

 8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.80 (J)  
 Premium: 1.80 (J)  
 Body yield: 1.80 (B)

Non-directional string.

 Tension is based on buoyed weight.  
 Neutral point: 8,580 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	4.5	11.60	I-100	LT&C	10000	10000	3.875	231.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	7220	1.46	4935	9720	1.97	100	245	2.45

 Prepared Dominic Spencer  
 by: Bill Barrett

 Phone: (303) 312-8143  
 FAX: (303) 312-8195

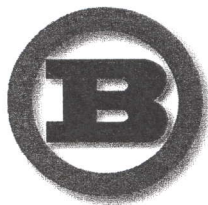
 Date: 7-Apr-08  
 Denver, Colorado

**Remarks:**

 Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

Well Name: **Prickly Pear Unit Federal 4-26D-12-15**

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	170

### Production Hole Data:

Total Depth:	7,900'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	2149.9	ft <sup>3</sup>
Lead Fill:	7,000'	

### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

### Calculated # of Sacks:

# SK's Lead:	1880
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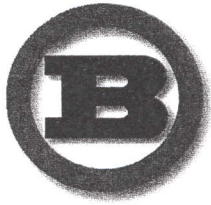


<b>Prickly Pear Unit Federal 4-26D-12-15 Proposed Cementing Program</b>
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<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (700' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 12.7 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.85 ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid: 9.9 Gal/sk
	Top of Fluid: 0'
	Calculated Fill: 700'
	Volume: 78.09 bbl
	<b>Proposed Sacks: 240 sks</b>
<b>Tail Cement - (1000' - 700')</b>	
Premium Cement	Fluid Weight: 15.8 lbm/gal
94 lbm/sk Premium Cement	Slurry Yield: 1.16 ft <sup>3</sup> /sk
2.0% Calcium Chloride	Total Mixing Fluid: 4.97 Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid: 700'
	Calculated Fill: 300'
	Volume: 33.47 bbl
	<b>Proposed Sacks: 170 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7900' - 900')</b>	
50/50 Poz Premium	Fluid Weight: 13.4 lbm/gal
3.0 % KCL	Slurry Yield: 1.49 ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid: 7.06 Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid: 900'
0.2% FWCA	Calculated Fill: 7,000'
0.125 lbm/sk Poly-E-Flake	Volume: 497.76 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1880 sks</b>





# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

Well Name: **Prickly Pear Unit Federal 4-26D-12-15**

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	170

### Production Hole Data:

Total Depth:	7,900'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1768.2	ft <sup>3</sup>
Lead Fill:	7,000'	

### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

### Calculated # of Sacks:

# SK's Lead:	1550
--------------	------



**Weatherford<sup>®</sup>**

## **Drilling Services**

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## **Proposal**

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**Bill Barrett Corporation**

PRICKLY PEAR UF 4-26D-12-15

CARBON COUNTY, UTAH

WELL FILE: **PLAN 1**

July 31, 2008

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**Weatherford International, Ltd.**

2000 Oil Drive  
Casper, WY 82604  
+1-307-265-1413 Main  
+1-307-235-3958 Fax  
[www.weatherford.com](http://www.weatherford.com)



**Bill Barrett Corporation**

**PRICKLY PEAR UF 4-26D-12-15**  
**1326' FSL, 702' FWL**  
**CARBON COUNTY, UT**  
**Latitude: 39° 45' 20.430 N**  
**Longitude: 110° 12' 37.580 W**



Azinuths to True North  
 Magnetic North: 11.71°  
 Magnetic Field  
 Strength: 52348.3nT  
 Dip Angle: 65.59°  
 Date: 7/30/2008  
 Model: BGGM2007

#### SECTION DETAILS

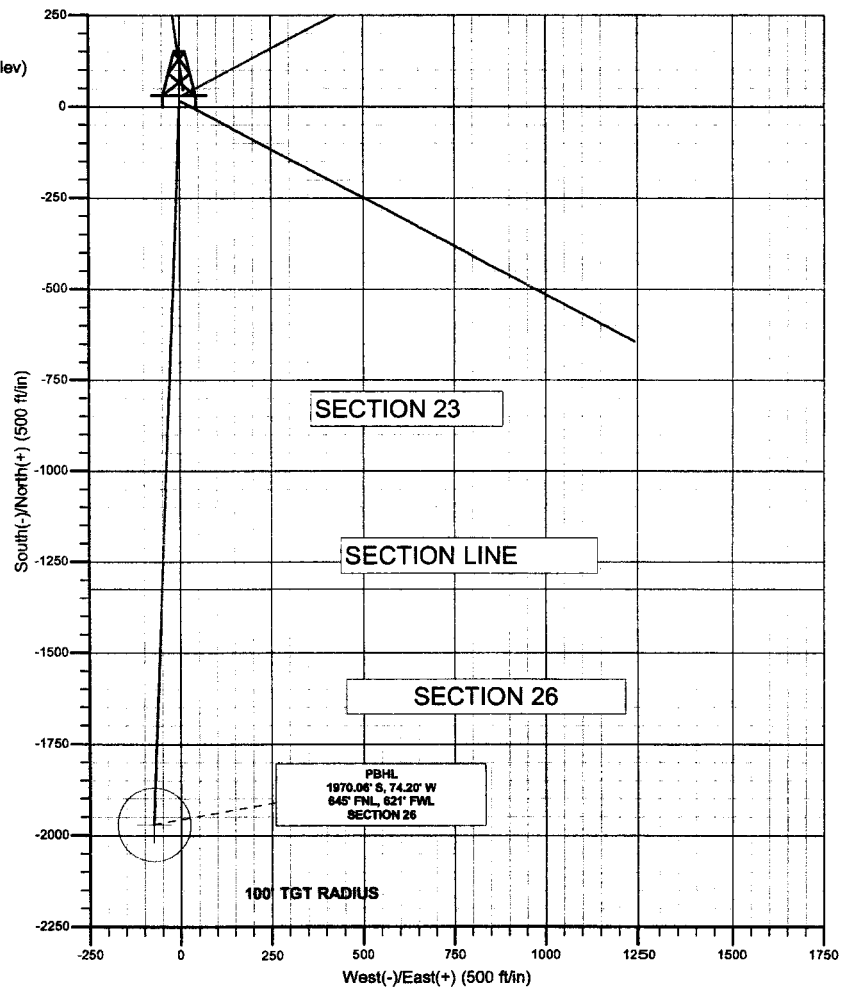
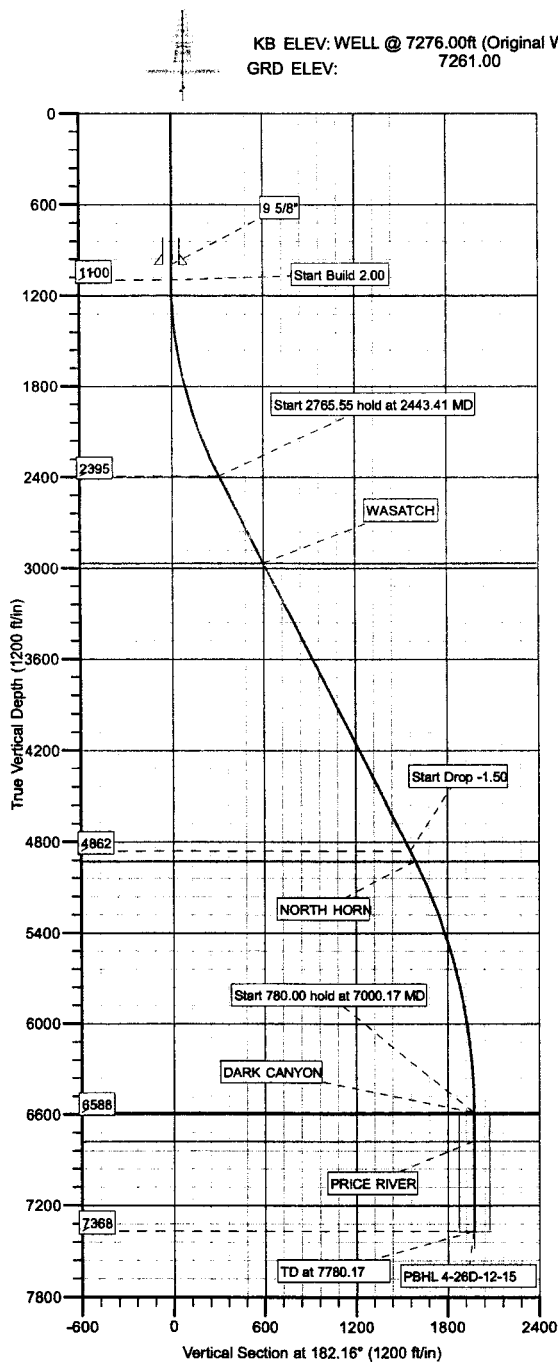
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	2100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
	2443.41	26.87	182.16	2394.71	-309.04	-11.64	2.00	182.16	309.26	
	4208.96	26.87	182.16	4861.72	-1558.01	-58.68	0.00	0.00	1559.12	
	5000.17	0.00	0.00	6588.00	-1970.06	-74.20	1.50	180.00	1971.46	
	6780.17	0.00	0.00	7368.00	-1970.06	-74.20	0.00	0.00	1971.46	PBHL 4-26D-12-15

#### WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL 4-26D-12-15	7368.00	-1970.06	-74.20	518696.18	2362486.45	39° 45' 0.960 N	110° 12' 38.530 W	Circle (Radius: 100.00)

#### WELL DETAILS: PRICKLY PEAR UF 4-26D-12-15

				Ground Level: 7261.00				
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot		
0.00	0.00	520666.90	2362532.24	39° 45' 20.430 N	110° 12' 37.580 W			



#### SITE DETAILS: PRICKLY PEAR UF 13-23 PAD

Site Centre Latitude: 39° 45' 20.430 N  
 Longitude: 110° 12' 37.580 W  
 Positional Uncertainty: 0.00  
 Convergence: 0.83  
 Local North: True

#### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2968.00	3086.07	WASATCH
4928.00	5282.90	NORTH HORN
6588.00	7000.17	DARK CANYON
6778.00	7190.17	PRICE RIVER

Plan: Design #1 (PRICKLY PEAR UF 4-26D-12-15/1)

Created By: TRACY WILLIAMS Date: 11:54, July 31 2008



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**PRICKLY PEAR UF 13-23 PAD**

**PRICKLY PEAR UF 4-26D-12-15**

**1**

**Plan: Design #1**

## **Standard Planning Report**

**30 July, 2008**



**Weatherford®**



**Database:** EDM 2003.21 Single User Db  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PRICKLY PEAR UF 13-23 PAD  
**Well:** PRICKLY PEAR UF 4-26D-12-15  
**Wellbore:** 1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	CARBON COUNTY, UT (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		Using geodetic scale factor

<b>Site</b>	PRICKLY PEAR UF 13-23 PAD		
<b>Site Position:</b>		<b>Northing:</b>	520,666.90 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,362,532.24 ft
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"
		<b>Latitude:</b>	39° 45' 20.430 N
		<b>Longitude:</b>	110° 12' 37.580 W
		<b>Grid Convergence:</b>	0.83 °

<b>Well</b>	PRICKLY PEAR UF 4-26D-12-15, 702" FWL, 1326' FSL (SEC 23)		
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b> 520,666.90 ft
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b> 2,362,532.24 ft
<b>Position Uncertainty</b>	0.00 ft	<b>Wellhead Elevation:</b>	ft
		<b>Latitude:</b>	39° 45' 20.430 N
		<b>Longitude:</b>	110° 12' 37.580 W
		<b>Ground Level:</b>	7,261.00 ft

<b>Wellbore</b>	1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2007	7/30/2008	11.71	65.59	52,348

<b>Design</b>	Design #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	182.16	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,443.41	26.87	182.16	2,394.71	-309.04	-11.64	2.00	2.00	0.00	182.16	
5,208.96	26.87	182.16	4,861.72	-1,558.01	-58.68	0.00	0.00	0.00	0.00	
7,000.17	0.00	0.00	6,588.00	-1,970.06	-74.20	1.50	-1.50	0.00	180.00	
7,780.17	0.00	0.00	7,368.00	-1,970.06	-74.20	0.00	0.00	0.00	0.00	PBHL 4-26D-12-15



**Database:** EDM 2003.21 Single User Db  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PRICKLY PEAR UF 13-23 PAD  
**Well:** PRICKLY PEAR UF 4-26D-12-15  
**Wellbore:** 1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
1,200.00	2.00	182.16	1,199.98	-1.74	-0.07	1.75	2.00	2.00	0.00
1,300.00	4.00	182.16	1,299.84	-6.97	-0.26	6.98	2.00	2.00	0.00
1,400.00	6.00	182.16	1,399.45	-15.68	-0.59	15.69	2.00	2.00	0.00
1,500.00	8.00	182.16	1,498.70	-27.86	-1.05	27.88	2.00	2.00	0.00
1,600.00	10.00	182.16	1,597.47	-43.49	-1.64	43.52	2.00	2.00	0.00
1,700.00	12.00	182.16	1,695.62	-62.56	-2.36	62.60	2.00	2.00	0.00
1,800.00	14.00	182.16	1,793.06	-85.04	-3.20	85.10	2.00	2.00	0.00
1,900.00	16.00	182.16	1,889.64	-110.90	-4.18	110.98	2.00	2.00	0.00
2,000.00	18.00	182.16	1,985.27	-140.11	-5.28	140.21	2.00	2.00	0.00
2,100.00	20.00	182.16	2,079.82	-172.65	-6.50	172.77	2.00	2.00	0.00
2,200.00	22.00	182.16	2,173.17	-208.45	-7.85	208.60	2.00	2.00	0.00
2,300.00	24.00	182.16	2,265.21	-247.50	-9.32	247.67	2.00	2.00	0.00
2,400.00	26.00	182.16	2,355.84	-289.73	-10.91	289.93	2.00	2.00	0.00
2,443.41	26.87	182.16	2,394.71	-309.04	-11.64	309.26	2.00	2.00	0.00
Start 2765.55 hold at 2443.41 MD									
2,500.00	26.87	182.16	2,445.19	-334.60	-12.60	334.83	0.00	0.00	0.00
2,600.00	26.87	182.16	2,534.40	-379.76	-14.30	380.03	0.00	0.00	0.00
2,700.00	26.87	182.16	2,623.60	-424.92	-16.00	425.22	0.00	0.00	0.00
2,800.00	26.87	182.16	2,712.81	-470.08	-17.71	470.41	0.00	0.00	0.00
2,900.00	26.87	182.16	2,802.01	-515.24	-19.41	515.61	0.00	0.00	0.00
3,000.00	26.87	182.16	2,891.22	-560.40	-21.11	560.80	0.00	0.00	0.00
3,086.07	26.87	182.16	2,968.00	-599.28	-22.57	599.70	0.00	0.00	0.00
WASATCH									
3,100.00	26.87	182.16	2,980.42	-605.57	-22.81	606.00	0.00	0.00	0.00
3,200.00	26.87	182.16	3,069.63	-650.73	-24.51	651.19	0.00	0.00	0.00
3,300.00	26.87	182.16	3,158.83	-695.89	-26.21	696.38	0.00	0.00	0.00
3,400.00	26.87	182.16	3,248.04	-741.05	-27.91	741.58	0.00	0.00	0.00
3,500.00	26.87	182.16	3,337.24	-786.21	-29.61	786.77	0.00	0.00	0.00
3,600.00	26.87	182.16	3,426.45	-831.38	-31.31	831.96	0.00	0.00	0.00
3,700.00	26.87	182.16	3,515.65	-876.54	-33.01	877.16	0.00	0.00	0.00
3,800.00	26.87	182.16	3,604.86	-921.70	-34.72	922.35	0.00	0.00	0.00
3,900.00	26.87	182.16	3,694.06	-966.86	-36.42	967.55	0.00	0.00	0.00
4,000.00	26.87	182.16	3,783.27	-1,012.02	-38.12	1,012.74	0.00	0.00	0.00
4,100.00	26.87	182.16	3,872.47	-1,057.18	-39.82	1,057.93	0.00	0.00	0.00
4,200.00	26.87	182.16	3,961.68	-1,102.35	-41.52	1,103.13	0.00	0.00	0.00
4,300.00	26.87	182.16	4,050.88	-1,147.51	-43.22	1,148.32	0.00	0.00	0.00
4,400.00	26.87	182.16	4,140.09	-1,192.67	-44.92	1,193.51	0.00	0.00	0.00
4,500.00	26.87	182.16	4,229.29	-1,237.83	-46.62	1,238.71	0.00	0.00	0.00
4,600.00	26.87	182.16	4,318.50	-1,282.99	-48.32	1,283.90	0.00	0.00	0.00
4,700.00	26.87	182.16	4,407.70	-1,328.15	-50.03	1,329.10	0.00	0.00	0.00



Weatherford International Ltd.  
Planning Report



Database: EDM 2003.21 Single User Db  
Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Site: PRICKLY PEAR UF 13-23 PAD  
Well: PRICKLY PEAR UF 4-26D-12-15  
Wellbore: 1  
Design: Design #1

Local Co-ordinate Reference: Well PRICKLY PEAR UF 4-26D-12-15  
TVD Reference: WELL @ 7276.00ft (Original Well Elev)  
MD Reference: WELL @ 7276.00ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,800.00	26.87	182.16	4,496.91	-1,373.32	-51.73	1,374.29	0.00	0.00	0.00
4,900.00	26.87	182.16	4,586.11	-1,418.48	-53.43	1,419.48	0.00	0.00	0.00
5,000.00	26.87	182.16	4,675.32	-1,463.64	-55.13	1,464.68	0.00	0.00	0.00
5,100.00	26.87	182.16	4,764.52	-1,508.80	-56.83	1,509.87	0.00	0.00	0.00
5,200.00	26.87	182.16	4,853.73	-1,553.96	-58.53	1,555.07	0.00	0.00	0.00
5,208.96	26.87	182.16	4,861.72	-1,558.01	-58.68	1,559.12	0.00	0.00	0.00
Start Drop -1.50									
5,282.90	25.76	182.16	4,928.00	-1,590.76	-59.92	1,591.89	1.50	-1.50	0.00
NORTH HORN									
5,300.00	25.50	182.16	4,943.41	-1,598.15	-60.19	1,599.29	1.50	-1.50	0.00
5,400.00	24.00	182.16	5,034.22	-1,639.99	-61.77	1,641.16	1.50	-1.50	0.00
5,500.00	22.50	182.16	5,126.10	-1,679.44	-63.26	1,680.63	1.50	-1.50	0.00
5,600.00	21.00	182.16	5,218.98	-1,716.48	-64.65	1,717.69	1.50	-1.50	0.00
5,700.00	19.50	182.16	5,312.79	-1,751.07	-65.95	1,752.31	1.50	-1.50	0.00
5,800.00	18.00	182.16	5,407.48	-1,783.19	-67.16	1,784.45	1.50	-1.50	0.00
5,900.00	16.50	182.16	5,502.98	-1,812.83	-68.28	1,814.11	1.50	-1.50	0.00
6,000.00	15.00	182.16	5,599.22	-1,839.95	-69.30	1,841.26	1.50	-1.50	0.00
6,100.00	13.50	182.16	5,696.14	-1,864.56	-70.23	1,865.88	1.50	-1.50	0.00
6,200.00	12.00	182.16	5,793.67	-1,886.61	-71.06	1,887.95	1.50	-1.50	0.00
6,300.00	10.50	182.16	5,891.74	-1,906.11	-71.79	1,907.46	1.50	-1.50	0.00
6,400.00	9.00	182.16	5,990.30	-1,923.04	-72.43	1,924.40	1.50	-1.50	0.00
6,500.00	7.50	182.16	6,089.26	-1,937.38	-72.97	1,938.76	1.50	-1.50	0.00
6,600.00	6.00	182.16	6,188.56	-1,949.13	-73.41	1,950.51	1.50	-1.50	0.00
6,700.00	4.50	182.16	6,288.14	-1,958.28	-73.76	1,959.67	1.50	-1.50	0.00
6,800.00	3.00	182.16	6,387.92	-1,964.82	-74.01	1,966.21	1.50	-1.50	0.00
6,900.00	1.50	182.16	6,487.84	-1,968.75	-74.15	1,970.14	1.50	-1.50	0.00
7,000.00	0.00	182.16	6,587.83	-1,970.06	-74.20	1,971.46	1.50	-1.50	0.00
7,000.17	0.00	0.00	6,588.00	-1,970.06	-74.20	1,971.46	1.50	-1.50	103,874.08
Start 780.00 hold at 7000.17 MD - DARK CANYON									
7,100.00	0.00	0.00	6,687.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,190.17	0.00	0.00	6,778.00	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
PRICE RIVER									
7,200.00	0.00	0.00	6,787.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,300.00	0.00	0.00	6,887.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,400.00	0.00	0.00	6,987.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,500.00	0.00	0.00	7,087.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,600.00	0.00	0.00	7,187.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,700.00	0.00	0.00	7,287.83	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
7,780.17	0.00	0.00	7,368.00	-1,970.06	-74.20	1,971.46	0.00	0.00	0.00
TD at 7780.17 - PBHL 4-26D-12-15									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,000.00	1,000.00	9 5/8"	9-5/8	12-1/4



**Database:** EDM 2003.21 Single User Db  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PRICKLY PEAR UF 13-23 PAD  
**Well:** PRICKLY PEAR UF 4-26D-12-15  
**Wellbore:** 1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,086.07	2,968.00	WASATCH		0.00	
5,282.90	4,928.00	NORTH HORN		0.00	
7,000.17	6,588.00	DARK CANYON		0.00	
7,190.17	6,778.00	PRICE RIVER		0.00	

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,100.00	1,100.00	0.00	0.00	Start Build 2.00
2,443.41	2,394.71	-309.04	-11.64	Start 2765.55 hold at 2443.41 MD
5,208.96	4,861.72	-1,558.01	-58.68	Start Drop -1.50
7,000.17	6,588.00	-1,970.06	-74.20	Start 780.00 hold at 7000.17 MD
7,780.17	7,368.00	-1,970.06	-74.20	TD at 7780.17





**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**PRICKLY PEAR UF 13-23 PAD**

**PRICKLY PEAR UF 4-26D-12-15**

**1**

**Design #1**

## **Anticollision Report**

**30 July, 2008**



**Weatherford®**



Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Reference Site: PRICKLY PEAR UF 13-23 PAD  
Site Error: 0.00ft  
Reference Well: PRICKLY PEAR UF 4-26D-12-15  
Well Error: 0.00ft  
Reference Wellbore: 1  
Reference Design: Design #1

Local Co-ordinate Reference: Well PRICKLY PEAR UF 4-26D-12-15  
TVD Reference: WELL @ 7276.00ft (Original Well Elev)  
MD Reference: WELL @ 7276.00ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: EDM 2003.21 Single User Db  
Offset TVD Reference: Offset Datum

Reference	Design #1
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	Stations
Depth Range:	Unlimited
Results Limited by:	Maximum center-center distance of 10,000.00ft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Elliptical Conic

Survey Tool Program	Date	7/30/2008
From (ft)	To (ft)	Survey (Wellbore)
0.00	7,780.17	Design #1 (1)
		Tool Name
		MWD
		Description
		MWD - Standard

### Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
PRICKLY PEAR UF 13-23 PAD						
PRICKLY PEAR UF 11-23D-12-15 - 1 - Design #1	1,100.00	1,100.00	32.32	27.63	6.897	CC, ES, SF
PRICKLY PEAR UF 12-23D-12-15 - 1 - Design #1	1,100.00	1,100.00	47.80	43.12	10.200	CC, ES
PRICKLY PEAR UF 12-23D-12-15 - 1 - Design #1	1,200.00	1,198.35	51.12	46.02	10.016	SF
PRICKLY PEAR UF 14-23D-12-15 - 1 - Design #1	1,100.00	1,100.00	16.65	11.96	3.553	CC, ES
PRICKLY PEAR UF 14-23D-12-15 - 1 - Design #1	1,200.00	1,200.11	17.98	12.89	3.534	SF

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 11-23D-12-15 - 1 - Design #1											
Survey Program: 0-MWD											
Reference											
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)
0.00	0.00	0.00	0.00	0.00	0.00	13.98	31.36	7.81	32.32		
100.00	100.00	100.00	100.00	0.10	0.10	13.98	31.36	7.81	32.32	32.13	0.19
200.00	200.00	200.00	200.00	0.32	0.32	13.98	31.36	7.81	32.32	31.68	0.64
300.00	300.00	300.00	300.00	0.55	0.55	13.98	31.36	7.81	32.32	31.23	1.09
400.00	400.00	400.00	400.00	0.77	0.77	13.98	31.36	7.81	32.32	30.78	1.54
500.00	500.00	500.00	500.00	0.99	0.99	13.98	31.36	7.81	32.32	30.33	1.99
600.00	600.00	600.00	600.00	1.22	1.22	13.98	31.36	7.81	32.32	29.88	2.44
700.00	700.00	700.00	700.00	1.44	1.44	13.98	31.36	7.81	32.32	29.43	2.89
800.00	800.00	800.00	800.00	1.67	1.67	13.98	31.36	7.81	32.32	28.98	3.34
900.00	900.00	900.00	900.00	1.89	1.89	13.98	31.36	7.81	32.32	28.53	3.79
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	13.98	31.36	7.81	32.32	28.08	4.24
1,100.00	1,100.00	1,100.00	1,100.00	2.34	2.34	13.98	31.36	7.81	32.32	27.63	4.69
1,200.00	1,199.98	1,199.17	1,199.15	2.54	2.56	-166.65	32.16	9.33	35.19	30.09	5.10
1,300.00	1,299.84	1,297.80	1,297.64	2.72	2.77	-163.28	34.53	13.85	43.90	38.41	5.49
1,400.00	1,399.45	1,395.37	1,394.85	2.90	2.99	-159.88	38.43	21.28	58.55	52.67	5.88
1,500.00	1,498.70	1,491.39	1,490.17	3.11	3.22	-157.22	43.76	31.45	79.11	72.82	6.29
1,600.00	1,597.47	1,585.39	1,583.07	3.36	3.47	-155.27	50.42	44.14	105.46	98.75	6.71
1,700.00	1,695.62	1,676.95	1,673.06	3.64	3.75	-153.83	58.26	59.08	137.41	130.27	7.14
1,800.00	1,793.06	1,765.70	1,759.73	3.97	4.04	-152.72	67.14	75.99	174.75	167.17	7.59
1,900.00	1,889.64	1,851.34	1,842.75	4.36	4.37	-151.83	76.88	94.56	217.27	209.22	8.05
2,000.00	1,985.27	1,933.59	1,921.87	4.81	4.72	-151.05	87.31	114.45	264.72	256.19	8.53
2,100.00	2,079.82	2,016.03	2,000.60	5.32	5.10	-150.38	98.67	136.10	316.58	307.54	9.04
											35.007

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PRICKLY PEAR UF 13-23 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 4-26D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** 1  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Offset Datum

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 11-23D-12-15 - 1 - Design #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance				Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)			Minimum Separation (ft)	
2,200.00	2,173.17	2,099.75	2,080.49	5.90	5.52	-149.97	110.32	158.31	371.24	361.67	9.57	38.789		
2,300.00	2,265.21	2,181.75	2,158.72	6.55	5.94	-149.72	121.73	180.05	428.41	418.29	10.12	42.332		
2,400.00	2,355.84	2,261.92	2,235.21	7.26	6.37	-149.56	132.89	201.32	488.06	477.37	10.69	45.669		
2,443.41	2,394.71	2,296.12	2,267.84	7.59	6.55	-149.51	137.65	210.39	514.70	503.77	10.94	47.064		
2,500.00	2,445.19	2,340.48	2,310.16	8.03	6.79	-149.88	143.82	222.15	549.75	538.44	11.31	48.595		
2,600.00	2,534.40	2,418.85	2,384.94	8.83	7.23	-150.43	154.73	242.94	611.71	599.72	11.93	51.026		
2,700.00	2,623.60	2,497.23	2,459.71	9.64	7.66	-150.87	165.63	263.72	673.69	661.01	12.63	53.138		
2,800.00	2,712.81	2,575.60	2,534.49	10.46	8.11	-151.24	176.54	284.51	735.70	722.32	13.33	54.979		
2,900.00	2,802.01	2,653.98	2,609.27	11.29	8.56	-151.56	187.45	305.30	797.72	783.62	14.03	56.598		
3,000.00	2,891.22	2,732.35	2,684.04	12.13	9.01	-151.82	198.35	326.08	859.75	844.94	14.82	58.031		
3,100.00	2,980.42	2,810.72	2,758.82	12.97	9.46	-152.06	209.26	346.87	921.80	906.25	15.54	59.303		
3,200.00	3,069.63	2,889.10	2,833.60	13.82	9.92	-152.26	220.16	367.66	983.85	967.57	16.28	60.437		
3,300.00	3,158.83	2,967.47	2,908.37	14.67	10.38	-152.44	231.07	388.44	1,045.91	1,028.89	17.02	61.452		
3,400.00	3,248.04	3,045.85	2,983.15	15.52	10.84	-152.60	241.98	409.23	1,107.97	1,090.21	17.77	62.366		
3,500.00	3,337.24	3,124.22	3,057.92	16.38	11.30	-152.74	252.88	430.02	1,170.04	1,151.53	18.52	63.193		
3,600.00	3,426.45	3,202.60	3,132.70	17.23	11.77	-152.87	263.79	450.80	1,232.11	1,212.84	19.27	63.944		
3,700.00	3,515.65	3,280.97	3,207.48	18.09	12.23	-152.98	274.69	471.59	1,294.19	1,274.16	20.03	64.625		
3,800.00	3,604.86	3,359.34	3,282.25	18.96	12.70	-153.09	285.60	492.38	1,356.27	1,335.48	20.79	65.248		
3,900.00	3,694.06	3,437.72	3,357.03	19.82	13.17	-153.18	296.51	513.16	1,418.35	1,396.80	21.55	65.819		
4,000.00	3,783.27	3,516.09	3,431.81	20.68	13.64	-153.27	307.41	533.95	1,480.44	1,458.12	22.31	66.344		
4,100.00	3,872.47	3,594.47	3,506.58	21.55	14.11	-153.35	318.32	554.74	1,542.52	1,519.44	23.08	66.828		
4,200.00	3,961.68	3,672.84	3,581.36	22.42	14.58	-153.43	329.22	575.52	1,604.61	1,580.76	23.85	67.274		
4,300.00	4,050.88	3,751.22	3,656.14	23.28	15.05	-153.49	340.13	596.31	1,666.70	1,642.07	24.62	67.687		
4,400.00	4,140.09	3,829.59	3,730.91	24.15	15.53	-153.56	351.04	617.09	1,728.79	1,703.39	25.40	68.071		
4,500.00	4,229.29	3,907.97	3,805.69	25.02	16.00	-153.62	361.94	637.88	1,790.88	1,764.71	26.17	68.428		
4,600.00	4,318.50	3,986.34	3,880.47	25.89	16.47	-153.67	372.85	658.67	1,852.97	1,826.03	26.95	68.761		
4,700.00	4,407.70	4,064.71	3,955.24	26.76	16.95	-153.72	383.75	679.45	1,915.07	1,887.34	27.73	69.071		
4,800.00	4,496.91	4,143.09	4,030.02	27.63	17.42	-153.77	394.66	700.24	1,977.16	1,948.66	28.51	69.362		
4,900.00	4,586.11	4,221.46	4,104.80	28.50	17.90	-153.82	405.57	721.03	2,039.26	2,009.97	29.29	69.634		
5,000.00	4,675.32	4,299.84	4,179.57	29.37	18.38	-153.86	416.47	741.81	2,101.36	2,071.29	30.07	69.890		
5,100.00	4,764.52	4,378.21	4,254.35	30.25	18.85	-153.90	427.38	762.60	2,163.45	2,132.60	30.85	70.131		
5,208.96	4,861.72	4,463.61	4,335.83	31.20	19.37	-153.94	439.26	785.25	2,231.12	2,199.41	31.70	70.376		
5,300.00	4,943.41	4,535.57	4,404.48	31.87	19.81	-154.42	449.27	804.33	2,286.88	2,254.37	32.51	70.353		
5,400.00	5,034.22	4,615.97	4,481.19	32.48	20.30	-154.88	460.46	825.66	2,346.33	2,312.99	33.35	70.363		
5,500.00	5,126.10	4,697.74	4,559.21	33.06	20.80	-155.28	471.84	847.35	2,403.87	2,369.68	34.18	70.322		
5,600.00	5,218.98	4,780.83	4,638.48	33.61	21.30	-155.62	483.40	869.38	2,459.44	2,424.43	35.02	70.239		
5,700.00	5,312.79	4,865.18	4,718.96	34.14	21.82	-155.91	495.14	891.75	2,513.02	2,477.18	35.84	70.122		
5,800.00	5,407.48	4,950.73	4,800.58	34.64	22.34	-156.15	507.04	914.44	2,564.58	2,527.93	36.65	69.979		
5,900.00	5,502.98	5,037.42	4,883.30	35.11	22.87	-156.35	519.11	937.44	2,614.07	2,576.63	37.44	69.815		
6,000.00	5,599.22	5,125.20	4,967.05	35.55	23.40	-156.51	531.32	960.72	2,661.49	2,623.27	38.22	69.634		
6,100.00	5,696.14	5,214.00	5,051.77	35.95	23.95	-156.62	543.68	984.27	2,706.80	2,667.82	38.98	69.441		
6,200.00	5,793.67	5,303.77	5,137.41	36.33	24.50	-156.70	556.17	1,008.08	2,749.98	2,710.26	39.72	69.239		
6,300.00	5,891.74	5,394.43	5,223.92	36.66	25.05	-156.75	568.79	1,032.12	2,791.01	2,750.58	40.43	69.031		
6,400.00	5,990.30	5,485.93	5,311.22	36.97	25.61	-156.76	581.52	1,056.39	2,829.88	2,788.76	41.12	68.819		
6,500.00	6,089.26	5,578.21	5,399.26	37.24	26.17	-156.74	594.36	1,080.86	2,866.56	2,824.77	41.78	68.606		
6,600.00	6,188.56	5,673.59	5,486.24	37.47	26.71	-156.40	622.00	1,133.54	2,899.41	2,856.65	42.75	67.816		
6,700.00	6,288.14	5,769.69	5,550.31	37.67	27.12	-156.09	647.25	1,181.67	2,925.16	2,881.49	43.67	66.978		
6,800.00	6,387.92	5,866.73	5,646.28	37.83	27.67	-155.88	665.52	1,216.49	2,943.36	2,898.91	44.45	66.221		
6,900.00	6,487.84	5,963.73	5,737.31	37.95	28.40	-155.77	675.83	1,236.14	2,953.72	2,908.67	45.05	65.572		
7,000.17	6,588.00	6,060.73	5,880.00	38.04	28.66	-156.40	677.97	1,240.23	2,956.31	2,910.90	45.42	65.090		
7,100.00	6,687.83	6,155.32	6,067.83	38.12	29.76	-156.40	677.97	1,240.23	2,956.31	2,910.64	45.67	64.728		
7,200.00	6,787.83	6,255.32	6,167.83	38.19	29.87	-156.40	677.97	1,240.23	2,956.31	2,910.39	45.93	64.367		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: PRICKLY PEAR UF 13-23 PAD  
 Site Error: 0.00ft  
 Reference Well: PRICKLY PEAR UF 4-26D-12-15  
 Well Error: 0.00ft  
 Reference Wellbore: 1  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PRICKLY PEAR UF 4-26D-12-15  
 TVD Reference: WELL @ 7276.00ft (Original Well Elev)  
 MD Reference: WELL @ 7276.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: EDM 2003.21 Single User Db  
 Offset TVD Reference: Offset Datum

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 11-23D-12-15 - 1 - Design #1													Offset Site Error: 0.00 ft
Survey Program: 0-MWD													Offset Well Error: 0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
7,300.00	6,887.83	7,085.32	6,887.83	38.26	29.97	26.40	677.97	1,240.23	2,956.31	2,910.13	46.19	64.007	
7,400.00	6,987.83	7,185.32	6,987.83	38.33	30.08	26.40	677.97	1,240.23	2,956.31	2,909.87	46.45	63.646	
7,500.00	7,087.83	7,285.32	7,087.83	38.41	30.19	26.40	677.97	1,240.23	2,956.31	2,909.60	46.71	63.286	
7,600.00	7,187.83	7,385.32	7,187.83	38.48	30.30	26.40	677.97	1,240.23	2,956.31	2,909.33	46.98	62.926	
7,700.00	7,287.83	7,485.32	7,287.83	38.56	30.42	26.40	677.97	1,240.23	2,956.31	2,909.06	47.25	62.566	
7,780.17	7,368.00	7,565.49	7,368.00	38.62	30.51	26.40	677.97	1,240.23	2,956.31	2,908.84	47.47	62.278	



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: PRICKLY PEAR UF 13-23 PAD  
 Site Error: 0.00ft  
 Reference Well: PRICKLY PEAR UF 4-26D-12-15  
 Well Error: 0.00ft  
 Reference Wellbore: 1  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PRICKLY PEAR UF 4-26D-12-15  
 TVD Reference: WELL @ 7276.00ft (Original Well Elev)  
 MD Reference: WELL @ 7276.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: EDM 2003.21 Single User Db  
 Offset TVD Reference: Offset Datum

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 12-23D-12-15 - 1 - Design #1													Offset Site Error: 0.00 ft
Survey Program: 0-MWD													Offset Well Error: 0.00 ft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipse (ft)	Minimum Separation (ft)		Separation Factor
0.00	0.00	0.00	0.00	0.00	0.00	13.22	46.54	10.93	47.80				
100.00	100.00	100.00	100.00	0.10	0.10	13.22	46.54	10.93	47.80	47.61	0.19	250.212	
200.00	200.00	200.00	200.00	0.32	0.32	13.22	46.54	10.93	47.80	47.16	0.64	74.625	
300.00	300.00	300.00	300.00	0.55	0.55	13.22	46.54	10.93	47.80	46.71	1.09	43.852	
400.00	400.00	400.00	400.00	0.77	0.77	13.22	46.54	10.93	47.80	46.26	1.54	31.048	
500.00	500.00	500.00	500.00	0.99	0.99	13.22	46.54	10.93	47.80	45.81	1.99	24.032	
600.00	600.00	600.00	600.00	1.22	1.22	13.22	46.54	10.93	47.80	45.36	2.44	19.602	
700.00	700.00	700.00	700.00	1.44	1.44	13.22	46.54	10.93	47.80	44.92	2.89	16.551	
800.00	800.00	800.00	800.00	1.67	1.67	13.22	46.54	10.93	47.80	44.47	3.34	14.322	
900.00	900.00	900.00	900.00	1.89	1.89	13.22	46.54	10.93	47.80	44.02	3.79	12.622	
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	13.22	46.54	10.93	47.80	43.57	4.24	11.283	
1,100.00	1,100.00	1,100.00	1,100.00	2.34	2.34	13.22	46.54	10.93	47.80	43.12	4.69	10.200 CC, ES	
1,200.00	1,199.98	1,198.35	1,198.34	2.54	2.56	-169.99	48.21	10.69	51.12	46.02	5.10	10.016 SF	
1,300.00	1,299.84	1,296.01	1,295.86	2.72	2.79	-172.45	53.17	9.97	61.14	55.63	5.50	11.115	
1,400.00	1,399.45	1,392.30	1,391.79	2.90	3.01	-175.14	61.28	8.78	77.91	72.01	5.90	13.205	
1,500.00	1,498.70	1,487.84	1,486.69	3.11	3.24	-177.39	72.23	7.18	101.14	94.84	6.30	16.050	
1,600.00	1,597.47	1,584.00	1,582.13	3.36	3.48	-178.91	83.82	5.49	128.43	121.73	6.69	19.190	
1,700.00	1,695.62	1,679.14	1,676.56	3.64	3.73	-179.92	95.28	3.81	159.11	152.03	7.08	22.476	
1,800.00	1,793.06	1,773.15	1,769.88	3.97	3.98	-179.41	106.62	2.15	193.12	185.66	7.46	25.881	
1,900.00	1,889.64	1,865.92	1,861.95	4.36	4.23	-178.94	117.80	0.52	230.41	222.57	7.84	29.381	
2,000.00	1,985.27	1,957.33	1,952.68	4.81	4.49	-178.62	128.82	-1.09	270.93	262.71	8.22	32.960	
2,100.00	2,079.82	2,047.28	2,041.96	5.32	4.74	-178.38	139.66	-2.67	314.61	306.02	8.59	36.611	
2,200.00	2,173.17	2,135.64	2,129.66	5.90	5.00	-178.21	150.31	-4.23	361.41	352.45	8.96	40.316	
2,300.00	2,265.21	2,222.32	2,215.70	6.55	5.25	-178.08	160.76	-5.76	411.26	401.93	9.33	44.063	
2,400.00	2,355.84	2,307.21	2,299.96	7.26	5.49	-177.99	170.99	-7.25	464.11	454.41	9.70	47.844	
2,443.41	2,394.71	2,343.47	2,335.95	7.59	5.60	-177.95	175.36	-7.89	487.96	478.10	9.86	49.493	
2,500.00	2,445.19	2,390.52	2,382.64	8.03	5.74	-177.94	181.03	-8.72	519.42	509.29	10.13	51.263	
2,600.00	2,534.40	2,473.65	2,465.15	8.83	5.99	-177.92	191.05	-10.18	575.01	564.38	10.62	54.127	
2,700.00	2,623.60	2,556.77	2,547.66	9.64	6.23	-177.90	201.07	-11.65	630.59	619.47	11.12	56.695	
2,800.00	2,712.81	2,639.90	2,630.17	10.46	6.48	-177.89	211.09	-13.11	686.18	674.55	11.63	59.006	
2,900.00	2,802.01	2,723.03	2,712.68	11.29	6.73	-177.87	221.11	-14.58	741.77	729.63	12.14	61.093	
3,000.00	2,891.22	2,806.15	2,795.18	12.13	6.98	-177.86	231.13	-16.04	797.35	784.70	12.66	62.985	
3,100.00	2,980.42	2,889.28	2,877.69	12.97	7.23	-177.85	241.15	-17.50	852.94	839.76	13.18	64.705	
3,200.00	3,069.63	2,972.41	2,960.20	13.82	7.48	-177.84	251.17	-18.97	908.53	894.82	13.71	66.274	
3,300.00	3,158.83	3,055.53	3,042.71	14.67	7.73	-177.84	261.19	-20.43	964.12	949.88	14.24	67.711	
3,400.00	3,248.04	3,138.66	3,125.22	15.52	7.98	-177.83	271.21	-21.90	1,019.70	1,004.93	14.77	69.030	
3,500.00	3,337.24	3,221.79	3,207.72	16.38	8.24	-177.82	281.23	-23.36	1,075.29	1,059.98	15.31	70.244	
3,600.00	3,426.45	3,304.92	3,290.23	17.23	8.49	-177.82	291.25	-24.82	1,130.88	1,115.03	15.85	71.366	
3,700.00	3,515.65	3,388.04	3,372.74	18.09	8.74	-177.81	301.27	-26.29	1,186.46	1,170.08	16.39	72.403	
3,800.00	3,604.86	3,471.17	3,455.25	18.96	9.00	-177.81	311.29	-27.75	1,242.05	1,225.12	16.93	73.365	
3,900.00	3,694.06	3,554.30	3,537.76	19.82	9.25	-177.81	321.31	-29.22	1,297.64	1,280.16	17.47	74.260	
4,000.00	3,783.27	3,637.42	3,620.26	20.68	9.51	-177.80	331.33	-30.68	1,353.22	1,335.20	18.02	75.094	
4,100.00	3,872.47	3,720.55	3,702.77	21.55	9.76	-177.80	341.35	-32.14	1,408.81	1,390.24	18.57	75.873	
4,200.00	3,961.68	3,803.68	3,785.28	22.42	10.02	-177.80	351.37	-33.61	1,464.40	1,445.28	19.12	76.601	
4,300.00	4,050.88	3,886.80	3,867.79	23.28	10.28	-177.79	361.39	-35.07	1,519.98	1,500.32	19.67	77.284	
4,400.00	4,140.09	3,969.93	3,950.29	24.15	10.53	-177.79	371.41	-36.54	1,575.57	1,555.35	20.22	77.924	
4,500.00	4,229.29	4,053.06	4,032.80	25.02	10.79	-177.79	381.43	-38.00	1,631.16	1,610.39	20.77	78.527	
4,600.00	4,318.50	4,136.19	4,115.31	25.89	11.04	-177.79	391.45	-39.47	1,686.74	1,665.42	21.33	79.094	
4,700.00	4,407.70	4,219.31	4,197.82	26.76	11.30	-177.78	401.47	-40.93	1,742.33	1,720.45	21.88	79.629	
4,800.00	4,496.91	4,302.44	4,280.33	27.63	11.56	-177.78	411.49	-42.39	1,797.92	1,775.48	22.44	80.134	
4,900.00	4,586.11	4,385.57	4,362.83	28.50	11.82	-177.78	421.51	-43.86	1,853.51	1,830.51	22.99	80.612	
5,000.00	4,675.32	4,468.69	4,445.34	29.37	12.07	-177.78	431.52	-45.32	1,909.09	1,885.54	23.55	81.064	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Weatherford International Ltd.  
Anticollision Report



Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Reference Site: PRICKLY PEAR UF 13-23 PAD  
Site Error: 0.00ft  
Reference Well: PRICKLY PEAR UF 4-26D-12-15  
Well Error: 0.00ft  
Reference Wellbore: 1  
Reference Design: Design #1

Local Co-ordinate Reference: Well PRICKLY PEAR UF 4-26D-12-15  
TVD Reference: WELL @ 7276.00ft (Original Well Elev)  
MD Reference: WELL @ 7276.00ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: EDM 2003.21 Single User Db  
Offset TVD Reference: Offset Datum

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 12-23D-12-15 - 1 - Design #1													Offset Site Error: 0.00 ft
Survey Program: 0-MWD													Offset Well Error: 0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.00	4,764.52	4,551.82	4,527.85	30.25	12.33	177.78	441.54	-46.79	1,964.68	1,940.57	24.11	81.492	
5,208.96	4,861.72	4,642.40	4,617.75	31.20	12.61	177.77	452.46	-48.38	2,025.25	2,000.53	24.72	81.934	
5,300.00	4,943.41	4,718.67	4,693.46	31.87	12.85	177.81	461.66	-49.72	2,074.95	2,049.60	25.35	81.861	
5,400.00	5,034.22	4,803.79	4,777.94	32.48	13.11	177.84	471.92	-51.22	2,127.43	2,101.42	26.01	81.790	
5,500.00	5,126.10	4,890.25	4,863.76	33.06	13.38	177.86	482.34	-52.75	2,177.66	2,151.01	26.65	81.697	
5,600.00	5,218.98	4,978.00	4,950.85	33.61	13.65	177.88	492.91	-54.29	2,225.62	2,198.34	27.28	81.583	
5,700.00	5,312.79	5,066.96	5,039.16	34.14	13.93	177.89	503.64	-55.86	2,271.27	2,243.38	27.89	81.453	
5,800.00	5,407.48	5,157.10	5,128.62	34.64	14.21	177.90	514.50	-57.45	2,314.57	2,286.11	28.47	81.308	
5,900.00	5,502.98	5,248.33	5,219.17	35.11	14.49	177.91	525.50	-59.05	2,355.50	2,326.48	29.03	81.151	
6,000.00	5,599.22	5,340.60	5,310.76	35.55	14.78	177.91	536.62	-60.68	2,394.03	2,364.47	29.56	80.983	
6,100.00	5,696.14	5,433.85	5,403.31	35.95	15.07	177.91	547.86	-62.32	2,430.14	2,400.06	30.07	80.805	
6,200.00	5,793.67	5,528.01	5,496.77	36.33	15.36	177.91	559.21	-63.98	2,463.79	2,433.23	30.56	80.620	
6,300.00	5,891.74	5,623.02	5,591.07	36.66	15.66	177.90	570.66	-65.65	2,494.97	2,463.94	31.02	80.427	
6,400.00	5,990.30	5,718.81	5,686.15	36.97	15.96	177.89	582.21	-67.34	2,523.65	2,492.19	31.46	80.228	
6,500.00	6,089.26	5,815.31	5,781.94	37.24	16.26	177.88	593.84	-69.04	2,549.81	2,517.95	31.86	80.022	
6,600.00	6,188.56	5,912.47	5,878.37	37.47	16.56	177.86	605.55	-70.75	2,573.45	2,541.20	32.24	79.811	
6,700.00	6,288.14	6,010.21	5,975.38	37.67	16.87	177.84	617.33	-72.47	2,594.53	2,561.94	32.60	79.595	
6,800.00	6,387.92	6,108.47	6,072.90	37.83	17.17	177.82	629.18	-74.20	2,613.05	2,580.13	32.92	79.373	
6,900.00	6,487.84	6,207.17	6,170.87	37.95	17.48	177.80	641.07	-75.94	2,629.00	2,595.78	33.22	79.145	
7,000.17	6,588.00	6,473.91	6,436.42	38.04	18.11	-0.12	665.51	-79.51	2,639.93	2,606.17	33.76	78.200	
7,100.00	6,687.83	6,725.45	6,687.83	38.12	18.53	-0.14	671.87	-80.44	2,641.94	2,607.60	34.34	76.938	
7,200.00	6,787.83	6,825.45	6,787.83	38.19	18.70	-0.14	671.87	-80.44	2,641.94	2,607.24	34.69	76.150	
7,300.00	6,887.83	6,925.45	6,887.83	38.26	18.88	-0.14	671.87	-80.44	2,641.94	2,606.89	35.05	75.373	
7,400.00	6,987.83	7,025.45	6,987.83	38.33	19.05	-0.14	671.87	-80.44	2,641.94	2,606.53	35.41	74.608	
7,500.00	7,087.83	7,125.45	7,087.83	38.41	19.23	-0.14	671.87	-80.44	2,641.94	2,606.17	35.77	73.855	
7,600.00	7,187.83	7,225.45	7,187.83	38.48	19.41	-0.14	671.87	-80.44	2,641.94	2,605.80	36.13	73.114	
7,700.00	7,287.83	7,325.45	7,287.83	38.56	19.59	-0.14	671.87	-80.44	2,641.94	2,605.44	36.50	72.383	
7,780.17	7,368.00	7,405.62	7,368.00	38.62	19.73	-0.14	671.87	-80.44	2,641.94	2,605.15	36.79	71.806	



Bill Barrett Corporation

# Weatherford International Ltd. Anticollision Report



Weatherford

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PRICKLY PEAR UF 13-23 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 4-26D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** 1  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Offset Datum

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 14-23D-12-15 - 1 - Design #1													Offset Site Error:	0.00ft
Survey Program: 0-MWD													Offset Well Error:	0.00ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	13.56	16.19	3.91	16.65					
100.00	100.00	100.00	100.00	0.10	0.10	13.56	16.19	3.91	16.65	16.46	0.19	87.147		
200.00	200.00	200.00	200.00	0.32	0.32	13.56	16.19	3.91	16.65	16.01	0.64	25.991		
300.00	300.00	300.00	300.00	0.55	0.55	13.56	16.19	3.91	16.65	15.56	1.09	15.273		
400.00	400.00	400.00	400.00	0.77	0.77	13.56	16.19	3.91	16.65	15.11	1.54	10.814		
500.00	500.00	500.00	500.00	0.99	0.99	13.56	16.19	3.91	16.65	14.66	1.99	8.370		
600.00	600.00	600.00	600.00	1.22	1.22	13.56	16.19	3.91	16.65	14.21	2.44	6.827		
700.00	700.00	700.00	700.00	1.44	1.44	13.56	16.19	3.91	16.65	13.76	2.89	5.765		
800.00	800.00	800.00	800.00	1.67	1.67	13.56	16.19	3.91	16.65	13.31	3.34	4.988		
900.00	900.00	900.00	900.00	1.89	1.89	13.56	16.19	3.91	16.65	12.86	3.79	4.396		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	13.56	16.19	3.91	16.65	12.41	4.24	3.930		
1,100.00	1,100.00	1,100.00	1,100.00	2.34	2.34	13.56	16.19	3.91	16.65	11.96	4.69	3.553 CC, ES		
1,200.00	1,199.98	1,200.11	1,200.09	2.54	2.55	-164.28	15.36	5.45	17.98	12.89	5.09	3.534 SF		
1,300.00	1,299.84	1,300.01	1,299.85	2.72	2.74	-154.65	12.91	10.07	22.41	16.96	5.45	4.111		
1,400.00	1,399.45	1,399.51	1,398.96	2.90	2.95	-145.21	8.84	17.72	30.61	24.77	5.83	5.245		
1,500.00	1,498.70	1,498.40	1,497.11	3.11	3.17	-138.28	3.20	28.32	42.78	36.53	6.25	6.841		
1,600.00	1,597.47	1,596.48	1,594.00	3.36	3.43	-133.60	-3.96	41.80	58.83	52.11	6.72	8.760		
1,700.00	1,695.62	1,693.59	1,689.35	3.64	3.72	-130.42	-12.58	58.01	78.62	71.38	7.24	10.866		
1,800.00	1,793.06	1,789.55	1,782.91	3.97	4.05	-128.17	-22.59	76.82	102.01	94.19	7.62	13.043		
1,900.00	1,889.64	1,884.20	1,874.44	4.36	4.43	-126.50	-33.89	98.08	128.91	120.43	8.48	15.196		
2,000.00	1,985.27	1,977.40	1,963.75	4.81	4.87	-125.20	-46.40	121.61	159.20	149.98	9.23	17.253		
2,100.00	2,079.82	2,071.16	2,052.95	5.32	5.35	-124.36	-59.96	147.11	192.40	182.34	10.06	19.132		
2,200.00	2,173.17	2,164.77	2,141.98	5.90	5.86	-124.31	-73.54	172.64	227.49	216.55	10.54	20.794		
2,300.00	2,265.21	2,257.58	2,230.25	6.55	6.38	-124.74	-87.00	197.96	264.47	252.60	11.68	22.267		
2,400.00	2,355.84	2,349.46	2,317.64	7.26	6.91	-125.44	-100.32	223.02	303.41	290.55	12.66	23.599		
2,443.41	2,394.71	2,389.03	2,355.27	7.59	7.14	-125.79	-106.06	233.81	320.93	307.64	13.29	24.144		
2,500.00	2,445.19	2,440.49	2,404.22	8.03	7.45	-126.63	-113.52	247.84	344.07	330.18	13.69	24.767		
2,600.00	2,534.40	2,531.42	2,490.70	8.83	7.99	-127.85	-126.71	272.64	385.07	370.10	14.97	25.729		
2,700.00	2,623.60	2,622.35	2,577.18	9.64	8.54	-128.85	-139.90	297.44	426.19	410.14	16.06	26.541		
2,800.00	2,712.81	2,713.27	2,663.66	10.46	9.10	-129.66	-153.08	322.24	467.40	450.24	17.16	27.234		
2,900.00	2,802.01	2,804.20	2,750.14	11.29	9.66	-130.35	-166.27	347.04	508.68	490.40	18.28	27.830		
3,000.00	2,891.22	2,895.13	2,836.62	12.13	10.23	-130.93	-179.46	371.84	550.01	530.61	19.40	28.347		
3,100.00	2,980.42	2,986.06	2,923.10	12.97	10.80	-131.43	-192.64	396.64	591.38	570.84	20.53	28.799		
3,200.00	3,069.63	3,076.99	3,009.58	13.82	11.37	-131.87	-205.83	421.44	632.78	611.11	21.67	29.196		
3,300.00	3,158.83	3,167.91	3,096.07	14.67	11.94	-132.25	-219.02	446.24	674.21	651.39	22.82	29.549		
3,400.00	3,248.04	3,258.84	3,182.55	15.52	12.52	-132.59	-232.21	471.04	715.66	691.69	23.96	29.863		
3,500.00	3,337.24	3,349.77	3,269.03	16.38	13.10	-132.89	-245.39	495.84	757.13	732.01	25.12	30.144		
3,600.00	3,426.45	3,440.70	3,355.51	17.23	13.68	-133.16	-258.58	520.64	798.61	772.34	26.27	30.398		
3,700.00	3,515.65	3,531.63	3,441.99	18.09	14.26	-133.41	-271.77	545.44	840.11	812.68	27.43	30.627		
3,800.00	3,604.86	3,622.55	3,528.47	18.96	14.84	-133.63	-284.95	570.24	881.62	853.03	28.59	30.835		
3,900.00	3,694.06	3,713.48	3,614.95	19.82	15.43	-133.83	-298.14	595.04	923.14	893.38	29.75	31.025		
4,000.00	3,783.27	3,804.41	3,701.43	20.68	16.01	-134.01	-311.33	619.84	964.66	933.74	30.92	31.199		
4,100.00	3,872.47	3,895.34	3,787.92	21.55	16.59	-134.18	-324.51	644.64	1,006.20	974.11	32.09	31.358		
4,200.00	3,961.68	3,986.27	3,874.40	22.42	17.18	-134.34	-337.70	669.43	1,047.74	1,014.48	33.26	31.505		
4,300.00	4,050.88	4,077.19	3,960.88	23.28	17.77	-134.48	-350.89	694.23	1,089.29	1,054.86	34.43	31.641		
4,400.00	4,140.09	4,168.12	4,047.36	24.15	18.35	-134.61	-364.07	719.03	1,130.84	1,095.24	35.60	31.767		
4,500.00	4,229.29	4,259.05	4,133.84	25.02	18.94	-134.73	-377.26	743.83	1,172.40	1,135.63	36.77	31.884		
4,600.00	4,318.50	4,349.98	4,220.32	25.89	19.53	-134.85	-390.45	768.63	1,213.96	1,176.01	37.94	31.993		
4,700.00	4,407.70	4,440.91	4,306.80	26.76	20.12	-134.96	-403.63	793.43	1,255.52	1,216.40	39.12	32.094		
4,800.00	4,496.91	4,531.83	4,393.28	27.63	20.71	-135.06	-416.82	818.23	1,297.09	1,256.80	40.30	32.189		
4,900.00	4,586.11	4,622.76	4,479.76	28.50	21.30	-135.15	-430.01	843.03	1,338.67	1,297.19	41.47	32.278		
5,000.00	4,675.32	4,713.69	4,566.25	29.37	21.89	-135.24	-443.19	867.83	1,380.24	1,337.59	42.65	32.362		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PRICKLY PEAR UF 13-23 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 4-26D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** 1  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Offset Datum

Offset Design PRICKLY PEAR UF 13-23 PAD - PRICKLY PEAR UF 14-23D-12-15 - 1 - Design #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,764.52	4,804.62	4,652.73	30.25	22.48	-135.32	-456.38	892.63	1,421.82	1,377.99	43.83	32.441		
5,208.96	4,861.72	4,903.69	4,746.96	31.20	23.12	-135.41	-470.75	919.65	1,467.12	1,422.01	45.11	32.521		
5,300.00	4,943.41	4,986.80	4,826.00	31.87	23.66	-135.87	-482.80	942.32	1,504.27	1,458.08	46.19	32.567		
5,400.00	5,034.22	5,078.81	4,913.51	32.48	24.26	-136.28	-496.14	967.41	1,543.43	1,496.13	47.30	32.630		
5,500.00	5,126.10	5,171.51	5,001.67	33.06	24.86	-136.60	-509.59	992.69	1,580.85	1,532.43	48.42	32.652		
5,600.00	5,218.98	5,264.83	5,090.43	33.61	25.47	-136.82	-523.12	1,018.15	1,616.50	1,566.97	49.53	32.639		
5,700.00	5,312.79	5,358.72	5,179.73	34.14	26.08	-136.97	-536.74	1,043.75	1,650.38	1,599.74	50.63	32.594		
5,800.00	5,407.48	5,453.11	5,269.50	34.64	26.70	-137.03	-550.43	1,069.50	1,682.48	1,630.75	51.73	32.522		
5,900.00	5,502.98	5,556.87	5,368.40	35.11	27.26	-137.02	-565.16	1,097.20	1,712.64	1,659.86	52.78	32.452		
6,000.00	5,599.22	5,666.09	5,473.36	35.55	27.77	-137.00	-579.35	1,123.89	1,740.31	1,686.58	53.73	32.392		
6,100.00	5,696.14	5,776.69	5,580.47	35.95	28.24	-136.99	-592.28	1,148.21	1,765.41	1,710.80	54.61	32.329		
6,200.00	5,793.67	5,888.54	5,689.55	36.33	28.67	-136.99	-603.87	1,170.00	1,787.88	1,732.47	55.41	32.264		
6,300.00	5,891.74	6,001.49	5,800.41	36.66	29.06	-137.01	-614.05	1,189.14	1,807.69	1,751.55	56.14	32.200		
6,400.00	5,990.30	6,115.43	5,912.82	36.97	29.40	-137.04	-622.75	1,205.51	1,824.80	1,768.02	56.78	32.138		
6,500.00	6,089.26	6,230.18	6,026.54	37.24	29.69	-137.08	-629.92	1,218.99	1,839.18	1,781.84	57.34	32.076		
6,600.00	6,188.56	6,345.60	6,141.34	37.47	29.95	-137.13	-635.51	1,229.51	1,850.80	1,792.99	57.81	32.016		
6,700.00	6,288.14	6,461.51	6,256.94	37.67	30.15	-137.19	-639.48	1,236.98	1,859.63	1,801.44	58.19	31.956		
6,800.00	6,387.92	6,577.76	6,373.07	37.83	30.32	-137.27	-641.81	1,241.36	1,865.68	1,807.19	58.49	31.896		
6,900.00	6,487.84	6,692.53	6,487.84	37.95	30.44	-137.35	-642.49	1,242.63	1,868.93	1,810.22	58.71	31.834		
7,000.17	6,588.00	6,792.69	6,588.00	38.04	30.53	44.77	-642.49	1,242.63	1,869.89	1,811.02	58.87	31.762		
7,100.00	6,687.83	6,892.52	6,687.83	38.12	30.63	44.77	-642.49	1,242.63	1,869.89	1,810.83	59.07	31.658		
7,200.00	6,787.83	6,992.52	6,787.83	38.19	30.73	44.77	-642.49	1,242.63	1,869.89	1,810.64	59.26	31.555		
7,300.00	6,887.83	7,092.52	6,887.83	38.26	30.83	44.77	-642.49	1,242.63	1,869.89	1,810.44	59.45	31.452		
7,400.00	6,987.83	7,192.52	6,987.83	38.33	30.93	44.77	-642.49	1,242.63	1,869.89	1,810.24	59.65	31.347		
7,500.00	7,087.83	7,292.52	7,087.83	38.41	31.03	44.77	-642.49	1,242.63	1,869.89	1,810.04	59.85	31.242		
7,600.00	7,187.83	7,392.52	7,187.83	38.48	31.14	44.77	-642.49	1,242.63	1,869.89	1,809.84	60.05	31.136		
7,700.00	7,287.83	7,492.52	7,287.83	38.56	31.24	44.77	-642.49	1,242.63	1,869.89	1,809.63	60.26	31.030		
7,732.74	7,320.57	7,525.26	7,320.57	38.58	31.28	44.77	-642.49	1,242.63	1,869.89	1,809.57	60.33	30.995		
7,780.17	7,368.00	7,537.69	7,333.00	38.62	31.29	44.77	-642.49	1,242.63	1,870.22	1,809.83	60.39	30.969		



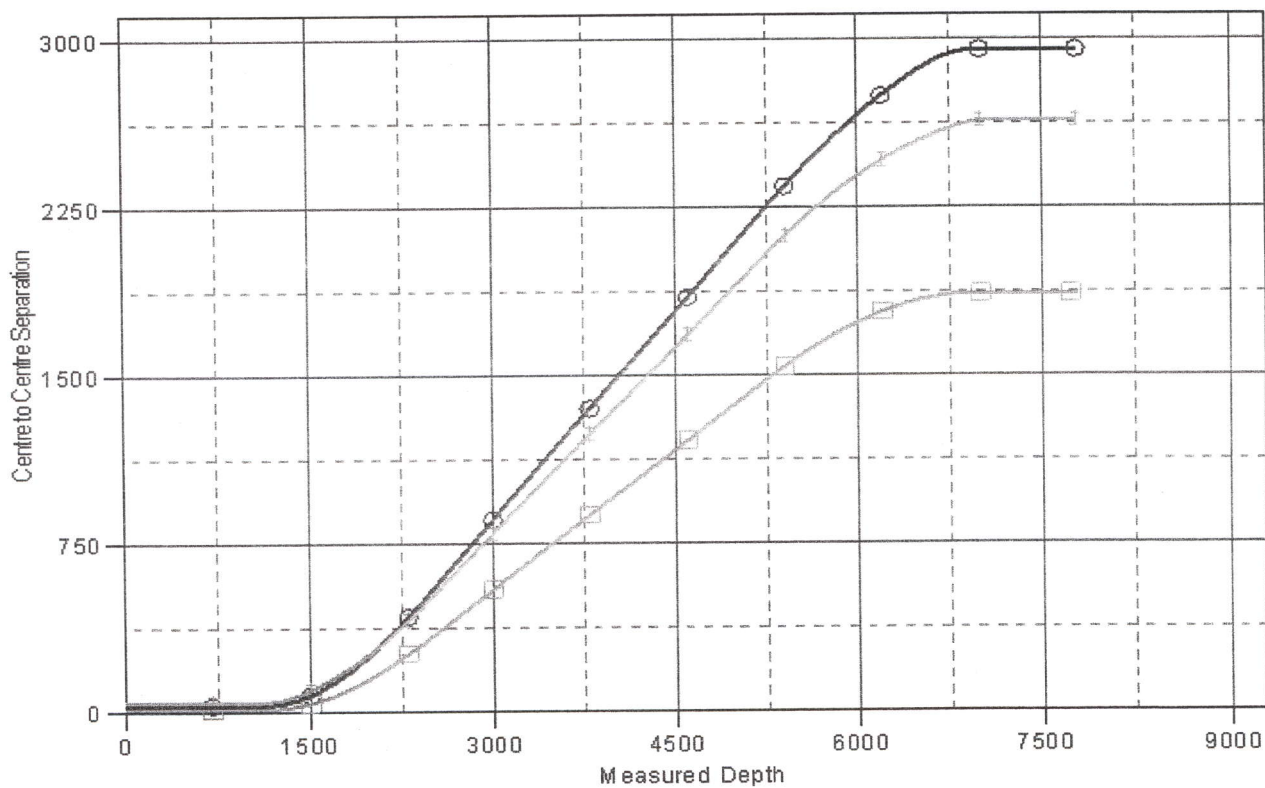


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Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 7276.00ft (Original Well Elev)  
Offset Depths are relative to Offset Datum  
Central Meridian is 111° 30' 0.000 W °  
Coordinates are relative to: PRICKLY PEAR UF 4-26D-12-15  
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
Grid Convergence at Surface is: 0.83°

### Ladder Plot



### LEGEND

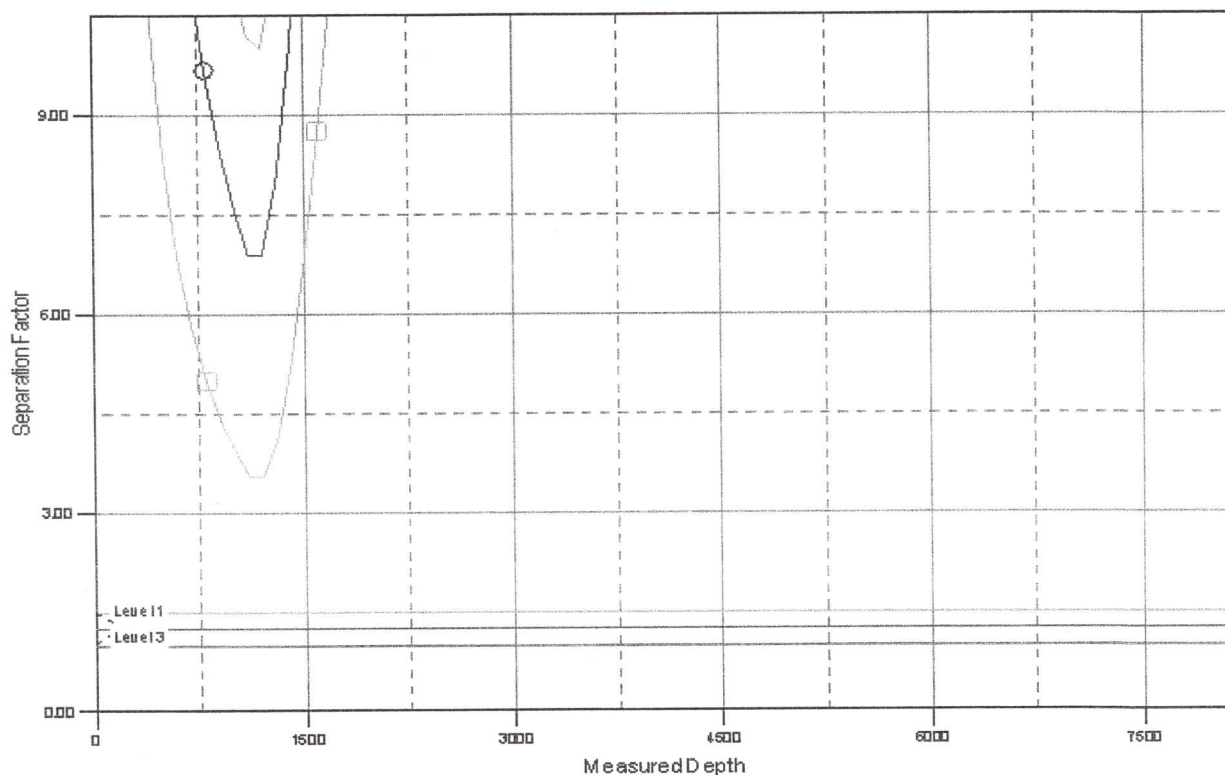
PRICKLY PEAR UF 11-23D-12-15, 1, Design #1 VD PRICKLY PEAR UF 12-23 D-12-15, 1, Design #1 VD PRICKLY PEAR UF 14-23 D-12-15, 1, Design #

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PRICKLY PEAR UF 13-23 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 4-26D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** 1  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 4-26D-12-15  
**TVD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7276.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to WELL @ 7276.00ft (Original Well Elev) Coordinates are relative to: PRICKLY PEAR UF 4-26D-12-15  
Offset Depths are relative to Offset Datum  
Central Meridian is 111° 30' 0.000 W °  
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
Grid Convergence at Surface is: 0.83°

## Separation Factor Plot



## LEGEND

PRICKLY PEAR UF 11-23D-12-15, 1, Design #1 VD PRICKLY PEAR UF 12-23D-12-15, 1, Design #1 VD PRICKLY PEAR UF 14-23D-12-15, 1, Design #1

## PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. **Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes.
8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
9. Upper kelly cock valve with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Pressure gauge on choke manifold.
12. Fill-up line above the uppermost preventer.

B. **Pressure Rating:** 3,000 psi

C. **Testing Procedure:**

### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

#### **D. Choke Manifold Equipment:**

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

#### **E. Accumulator:**

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

**BILL BARRETT CORPORATION**  
**PRICKLY PEAR UNIT FEDERAL #11-23D-12-15, #12-23D-12-15, #14-23D-12-15 & #4-26D-12-15**  
**SECTION 23, T12S, R15E, S.L.B.&M.**

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 5.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ACCESS TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHWESTERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.5 MILES.



# BILL BARRETT CORPORATION

PRICKLEY PEAR UNIT FEDERAL #11-23D-12-15, #12-23D-12-15, #14-23D-12-15 & #4-26D-12-15

LOCATED IN CARBON COUNTY, UTAH  
SECTION 23, T12S, R15E, S.L.B.&M.

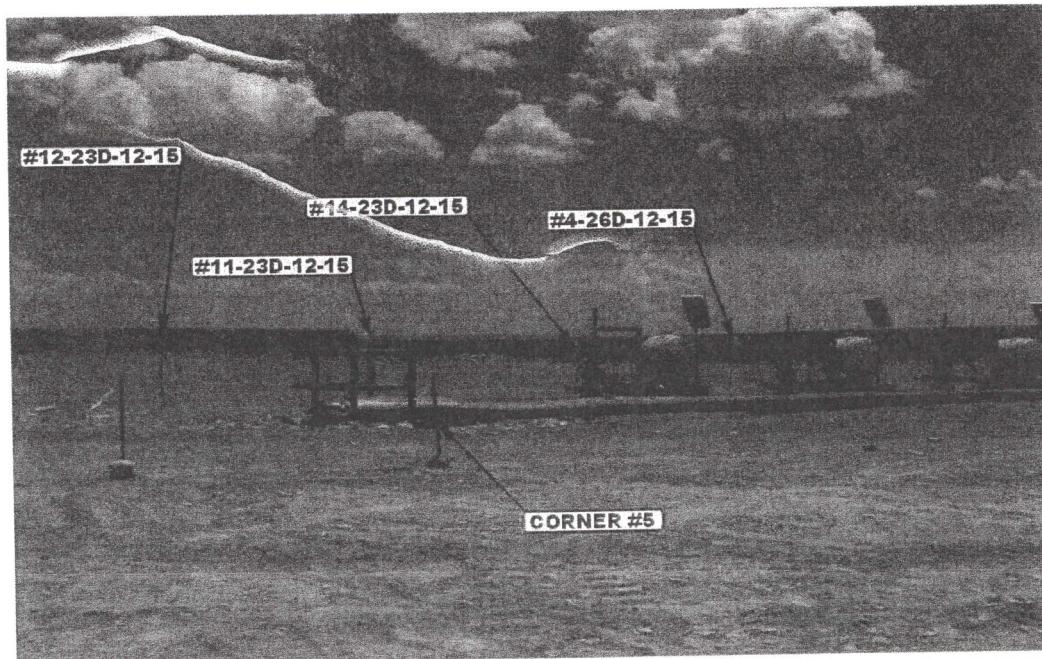


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

LOCATION PHOTOS

07 10 08  
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: J.J.

REVISED: 00-00-00

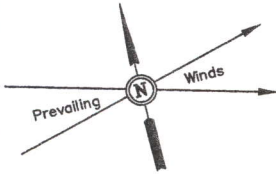


# BILL BARRETT CORPORATION

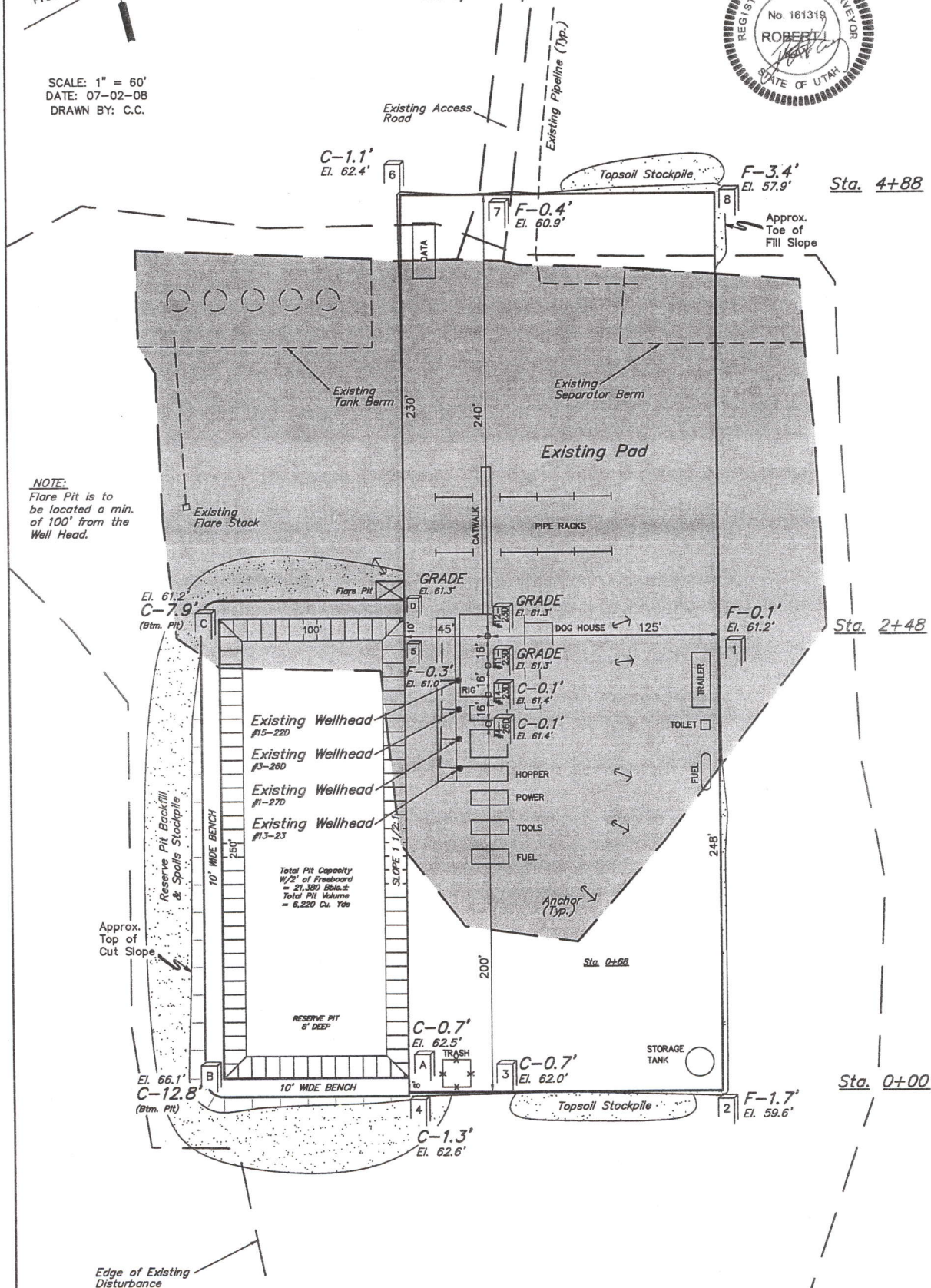
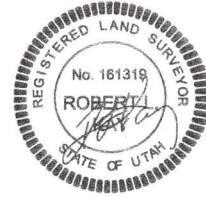
## LOCATION LAYOUT FOR

PRICKLY PEAR UNIT FEDERAL #12-23D-12-15,  
#11-23D-12-15, #14-23D-12-15 & #4-26D-12-15  
SECTION 23, T12S, R15E, S.L.B.&M.  
NW 1/4 SW 1/4

FIGURE #1



SCALE: 1" = 60'  
DATE: 07-02-08  
DRAWN BY: C.C.



Elev. Ungraded Ground at #12-23D Location Stake = 7261.3'

Elev. Graded Ground at #12-23D Location Stake = 7261.3'

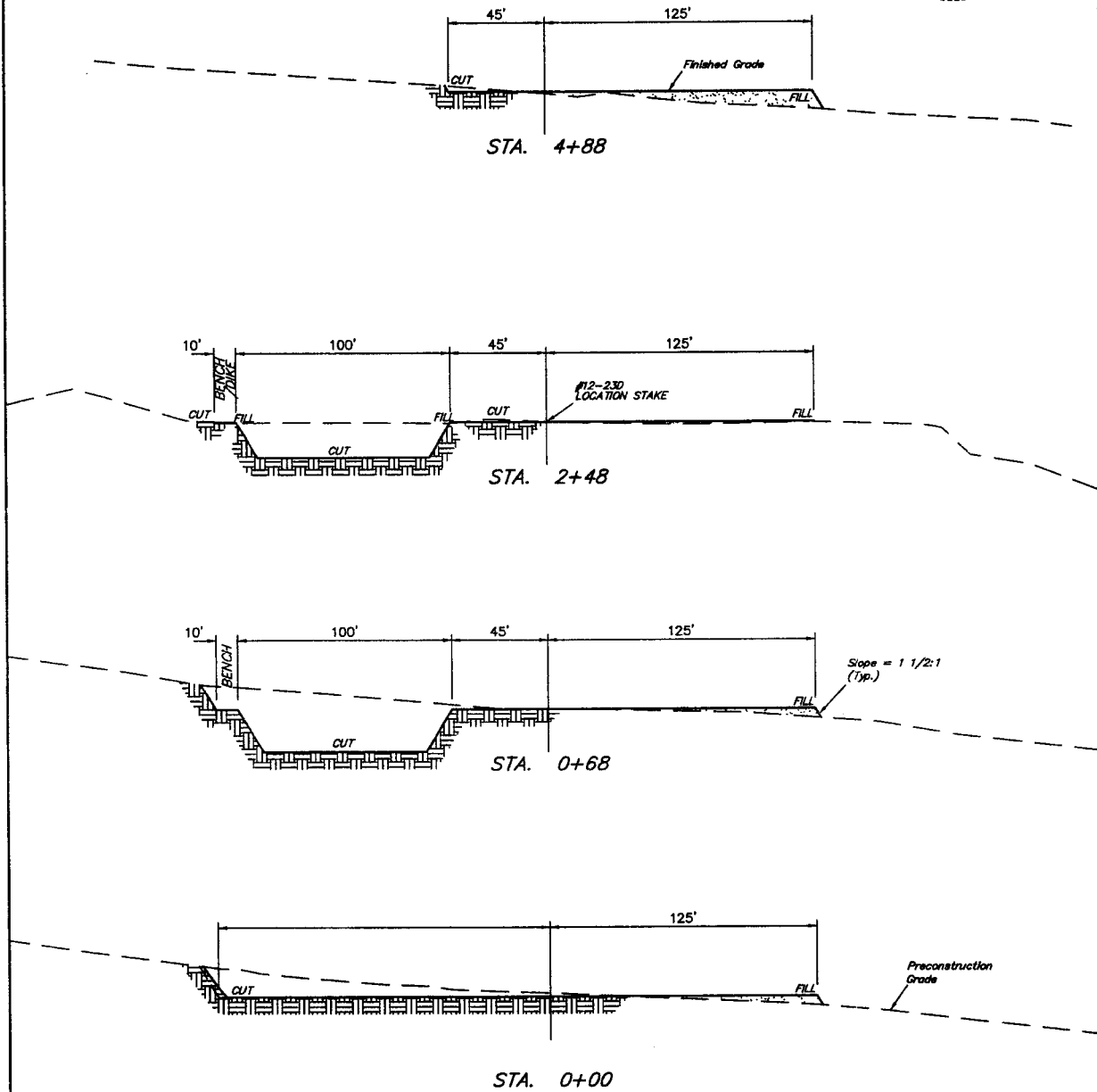
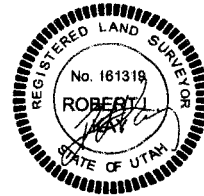
UINTAH ENGINEERING & LAND SURVEYING  
86 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

1" = 20'  
X-Section  
Scale  
1" = 50'  
DATE: 07-02-08  
DRAWN BY: C.C.

**BILL BARRETT CORPORATION**  
TYPICAL CROSS SECTIONS FOR

PRICKLY PEAR UNIT FEDERAL #12-23D-12-15,  
#11-23D-12-15, #14-23D-12-15 & #4-26D-12-15  
SECTION 23, T12S, R15E, S.L.B.&M.  
NW 1/4 SW 1/4

FIGURE #2



NOTE:  
Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

**APPROXIMATE YARDAGES**

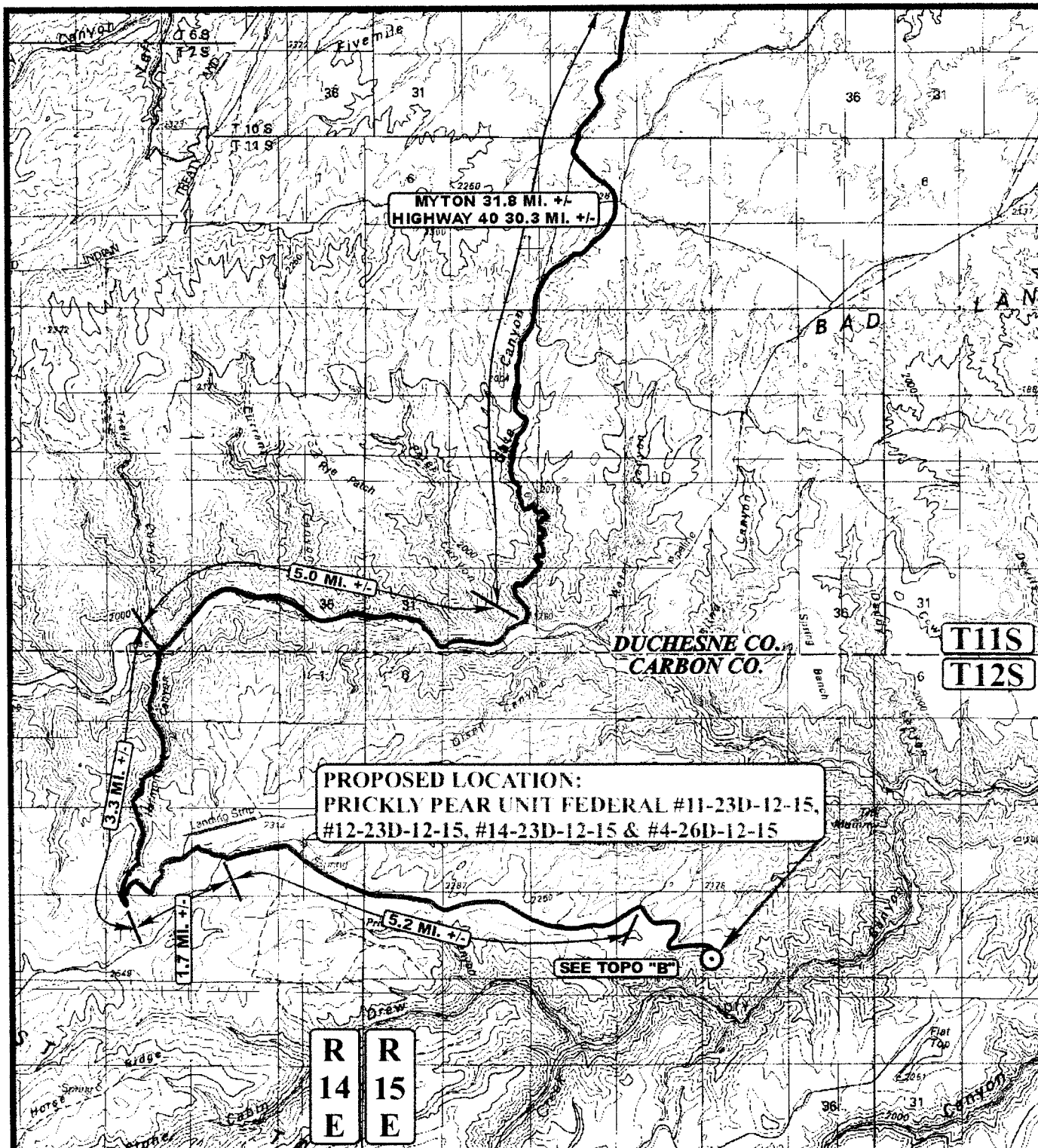
(6") Topsoil Stripping = 920 Cu. Yds.  
(New Construction Only)  
Remaining Location = 8,110 Cu. Yds.  
  
TOTAL CUT = 9,030 CU.YDS.  
FILL = 1,700 CU.YDS.

EXCESS MATERIAL = 7,330 Cu. Yds.  
Topsoil & Pit Backfill = 4,030 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 3,300 Cu. Yds.  
(After Interim Rehabilitation)

**APPROXIMATE ACREAGES**

EXISTING DISTURBANCE = ±5.850 ACRES  
NEW DISTURBANCE = ±0.128 ACRES  
TOTAL ACREAGE = ±5.978 ACRES





# LEGEND:

○ PROPOSED LOCATION

N

## BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL #11-23D-12-15,  
#12-23D-12-15, #14-23D-12-15 & #4-26D-12-15  
SECTION 23, T12S, R15E, S.L.B.&M.  
NW 1/4 SW 1/4



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

07 10 08  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 00-00-00





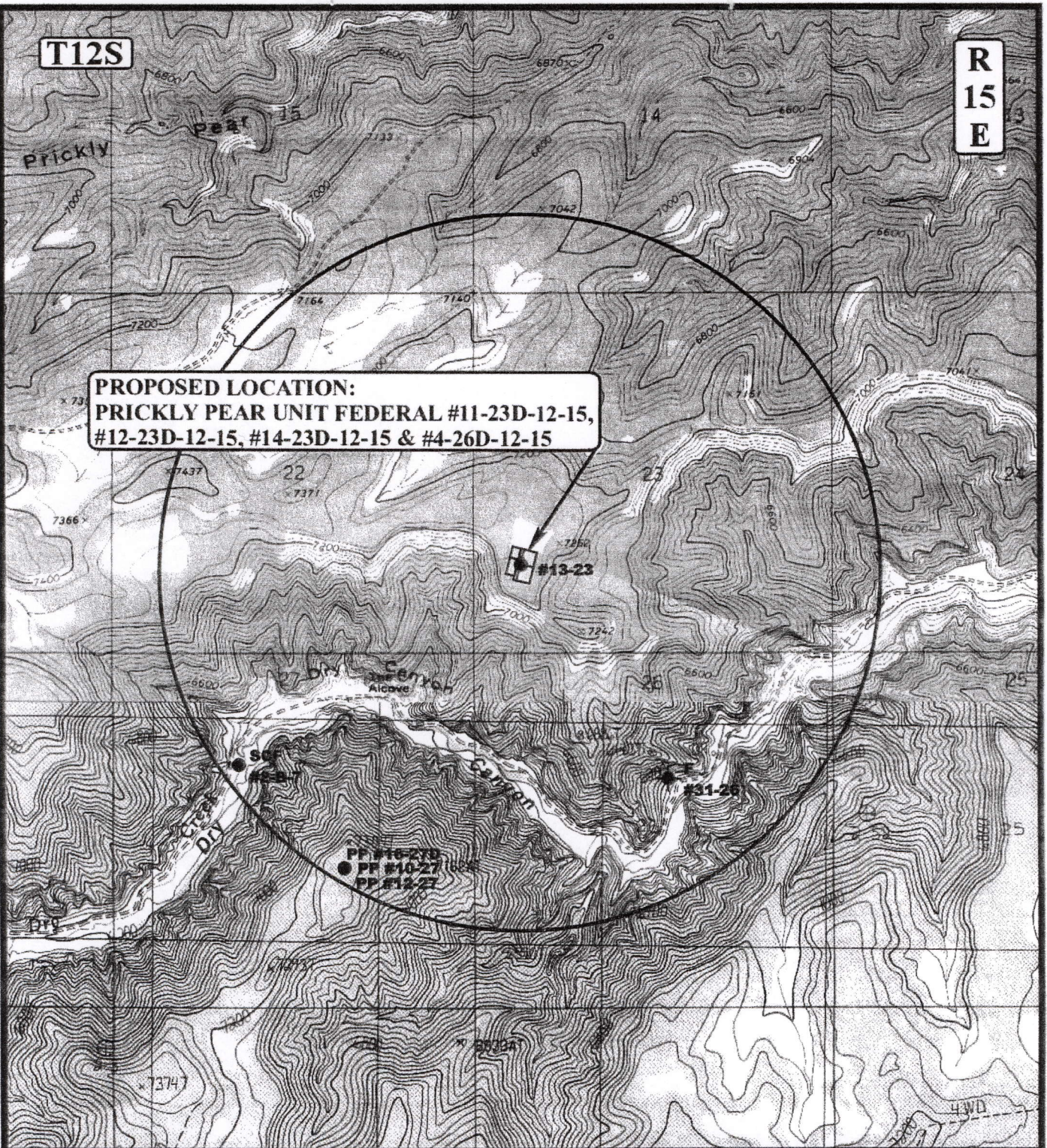




**T12S**

**R  
15  
E**

**PROPOSED LOCATION:  
PRICKLY PEAR UNIT FEDERAL #11-23D-12-15,  
#12-23D-12-15, #14-23D-12-15 & #4-26D-12-15**



**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ⊕ ABANDONED WELLS       |
| ⊖ SHUT IN WELLS   | ⊖ TEMPORARILY ABANDONED |

**BILL BARRETT CORPORATION**

**PRICKLY PEAR UNIT FEDERAL #11-23D-12-15,  
#12-23D-12-15, #14-23D-12-15 & #4-26D-12-15  
SECTION 23, T12S, R15E, S.L.B.&M.  
NW 1/4 SW 1/4**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00





**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/11/2008

API NO. ASSIGNED: 43-007-31441

WELL NAME: PPU FED 4-26D-12-15

OPERATOR: BILL BARRETT CORP ( N2165 )

CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8134

PROPOSED LOCATION:

NWSW 23 120S 150E

SURFACE: 1326 FSL 0702 FWL

BOTTOM: 0645 FNL 0621 FWL *Sec 26*

COUNTY: CARBON

LATITUDE: 39.75571 LONGITUDE: -110.2105

UTM SURF EASTINGS: 567633 NORTHINGS: 4400733

FIELD NAME: NINE MILE CANYON ( 35 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73896

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000040 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 90-1853 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

       R649-2-3.

Unit: PRICKLY PEAR

       R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

       R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 256-1

Eff Date: 12-16-2004

Siting: 460' S. of 1/4 Sec 26, T. 25N, R. 35E, S. 1/4 Sec 26

☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

*1- See Appraiser*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

August 12, 2008

### Memorandum

To: Associate Field Office Manager,  
Price Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Prickly Pear Unit Carbon County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Prickly Pear Unit, Carbon County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Price River)		
43-007-31440 P Pear U Fed 11-23D-12-15 Sec 23 T12S R15E 1357 FSL 0710 FWL	BHL Sec 23 T12S R15E 1994 FSL 1945 FWL	
43-007-31441 P Pear U Fed 04-26D-12-15 Sec 23 T12S R15E 1326 FSL 0702 FWL	BHL Sec 26 T12S R15E 0645 FNL 0621 FWL	
43-007-31442 P Pear U Fed 14-23D-12-15 Sec 23 T12S R15E 1341 FSL 0706 FWL	BHL Sec 23 T12S R15E 0673 FSL 1943 FWL	
43-007-31443 P Pear U Fed 12-23D-12-15 Sec 23 T12S R15E 1372 FSL 0714 FWL	BHL Sec 23 T12S R15E 1998 FSL 0624 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Prickly Pear Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 13, 2008

Bill Barrett Corporation  
1099 18th St., Ste. 2300  
Denver, CO 80202

Re: Prickly Pear Unit Federal 4-26D-12-15 Well, Surface Location 1326' FSL, 702' FWL,  
NW SW, Sec. 23, T. 12 South, R. 15 East, Bottom Location 645' FNL, 621' FWL,  
NW NW, Sec. 26, T. 12 South, R. 15 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31441.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Price Field Office

**Operator:** Bill Barrett Corporation  
**Well Name & Number** Prickly Pear Unit Federal 4-26D-12-15  
**API Number:** 43-007-31441  
**Lease:** UTU-73896

**Surface Location:** NW SW      **Sec.** 23      **T.** 12 South      **R.** 15 East  
**Bottom Location:** NW NW      **Sec.** 26      **T.** 12 South      **R.** 15 East

### **Conditions of Approval**

#### **1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281      (801) 733-0983 home

#### **3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Bill Barrett Corporation3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 802023b. Phone No. (include area code)  
303-312-8134

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Prickly Pear, federal sections within T12S-R14E, T12S-R15E, T13S-R15E

12S

15E

23

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear/UTU-794878. Well Name and No.  
All wells within the Prickly Pear Unit

9. API Well No.

PPU Fed 4-26D-12-15  
43 007 3144110. Field and Pool or Exploratory Area  
All Fields within the Unit/Wasatch-Mesaverde11. Country or Parish, State  
Carbon County, UT

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Field-wide use of flow conditioners
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted to request a variance from Onshore-Order No. 5 to allow field-wide use of flow conditioners in lieu of straightening vanes.

Flow conditioners have been proven to be as, or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

A previous field-wide sundry was requested and approved on August 28, 2008. This is an update to that sundry with wells that were not initially on the spreadsheet attached to that sundry to include 2008 and proposed 2009 wells. The API and AGA information submitted with that sundry is still valid. If you have any questions, please contact Mike Angust at 435-724-8016 or 435-725-3515 ext. 7.

COPY SENT TO OPERATOR

Date: 12-4-2008

Initials: KS

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

Tracey Fallang

Date 11/21/2008

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

Pet-Eng.

Date

11/26/08

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DOG M

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

NOV 25 2008

DIV. OF OIL, GAS &amp; MINING

# FLOW CONDITIONER SUNDRY EXHIBIT

API Well Number	Lease Number	Well Name	County	Qtr/Qtr	Sec	TwN-Rng	
4300731441	UTU-011604	Prickly Pear Unit Federal	4-26D-12-15	Carbon	NWSW	23	12S-15E
4300731442	UTU-011604	Prickly Pear Unit Federal	14-23D-12-15	Carbon	NWSW	23	12S-15E
4300731440	UTU-011604	Prickly Pear Unit Federal	11-23D-12-15	Carbon	NWSW	23	12S-15E
4300731443	UTU-011604	Prickly Pear Unit Federal	12-23D-12-15	Carbon	NWSW	23	12S-15E
APD not yet submitted	UTU-011604	Prickly Pear Unit Federal	16-22D-12-15	Carbon	NWSE	22	12S-15E
APD not yet submitted	UTU-011604	Prickly Pear Unit Federal	9-22D-12-15	Carbon	NWSE	22	12S-15E
APD not yet submitted	UTU-011604	Prickly Pear Unit Federal	10-22D-12-15	Carbon	NWSE	22	12S-15E
APD not yet submitted	UTU-65773	Prickly Pear Unit Federal	16-15D-12-15	Carbon	SESE	15	12S-15E
APD not yet submitted	UTU-65773	Prickly Pear Unit Federal	9-15D-12-15	Carbon	SESE	15	12S-15E
APD not yet submitted	UTU-65773	Prickly Pear Unit Federal	15-15D-12-15	Carbon	SESE	15	12S-15E
APD not yet submitted	UTU-65773	Prickly Pear Unit Federal	10-15D-12-15	Carbon	SESE	15	12S-15E
APD not yet submitted	UTU-73006	Prickly Pear Unit Federal	13-8D-12-15	Carbon	NWSW	8	12S-15E
APD not yet submitted	UTU-73006	Prickly Pear Unit Federal	14-8D-12-15	Carbon	NWSW	8	12S-15E
APD not yet submitted	UTU-73006	Prickly Pear Unit Federal	11-8D-12-15	Carbon	NWSW	8	12S-15E
APD not yet submitted	UTU-73006	Prickly Pear Unit Federal	12-8D-12-15	Carbon	NWSW	8	12S-15E
4300731473	UTU-73006	Prickly Pear Unit Federal	16-7D-12-15	Carbon	SESE	7	12S-15E
4300731472	UTU-73006	Prickly Pear Unit Federal	9-7D-12-15	Carbon	SESE	7	12S-15E
4300731470	UTU-73006	Prickly Pear Unit Federal	10-7D-12-15	Carbon	SESE	7	12S-15E
4300731471	UTU-73006	Prickly Pear Unit Federal	15-7D-12-15	Carbon	SESE	7	12S-15E
4300731451	UTU-73670	Prickly Pear Unit Federal	5-21D-12-15	Carbon	SWNW	21	12S-15E

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73896
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Prickly Pear / UTU-79487
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1326' FSL, 702' FWL		8. WELL NAME and NUMBER: Prickly Pear Unit Federal 4-26D-12-15
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 23 12S 15E		9. API NUMBER: 4300731441
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Prickly Pear/Wasatch-Mesaverde
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Permit Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is being submitted to request an extension to the APD which expires on 8/13/09.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-03-09  
By: [Signature]

COPY SENT TO OPERATOR

Date: 8-6-2009  
Initials: K5

NAME (PLEASE PRINT) Tracey Fallang TITLE Regulatory Analyst  
SIGNATURE [Signature] DATE 8/1/2009

(This space for State use only)

RECEIVED  
AUG 03 2009



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4300731441  
**Well Name:** Prickly Pear Unit Federal 4-26D-12-15  
**Location:** NWSW, Sec. 23, T12S-R15E  
**Company Permit Issued to:** Bill Barrett Corporation  
**Date Original Permit Issued:** 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Stacy Fallang  
Signature

8/1/2009

Date

Title: Regulatory Analyst

Representing: Bill Barrett Corporation

RECEIVED

AUG 03 2009

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73896
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 4-26D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1326 FSL 0702 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000
<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: August 11, 2010

By:

<b>NAME (PLEASE PRINT)</b> Elaine Winick	<b>PHONE NUMBER</b> 303 293-9100	<b>TITLE</b> Sr. Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/11/2010



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43007314410000

**API:** 43007314410000

**Well Name:** PPU FED 4-26D-12-15

**Location:** 1326 FSL 0702 FWL QTR NWSW SEC 23 TWNP 120S RNG 150E MER S

**Company Permit Issued to:** BILL BARRETT CORP

**Date Original Permit Issued:** 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Elaine Winick

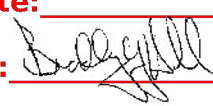
**Date:** 8/11/2010

**Title:** Sr. Permit Analyst **Representing:** BILL BARRETT CORP

**Date:** August 11, 2010

**By:** 

**RECEIVED** August 11, 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73896
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 4-26D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1326 FSL 0702 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> <b>APD EXTENSION</b>          OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> BBC requests an additional APD extension for this well as we are still waiting on federal approval to drill.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 08/01/2011 <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Brady Riley		<b>PHONE NUMBER</b> 303 312-8115
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Analyst
<b>DATE</b> 8/1/2011		



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43007314410000

**API:** 43007314410000

**Well Name:** PPU FED 4-26D-12-15

**Location:** 1326 FSL 0702 FWL QTR NWSW SEC 23 TWNP 120S RNG 150E MER S

**Company Permit Issued to:** BILL BARRETT CORP

**Date Original Permit Issued:** 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Brady Riley

**Date:** 8/1/2011

**Title:** Permit Analyst **Representing:** BILL BARRETT CORP

**RECEIVED** Aug. 01, 2011



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73896
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 4-26D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1326 FSL 0702 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000
<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/13/2012</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC requests an additional APD extension for this well as we are still awaiting federal approval to drill.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** August 08, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/3/2012	

**RECEIVED: Aug. 03, 2012**



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43007314410000**

API: 43007314410000

Well Name: PPU FED 4-26D-12-15

Location: 1326 FSL 0702 FWL QTR NWSW SEC 23 TWNP 120S RNG 150E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
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- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Brady Riley

Date: 8/3/2012

Title: Permit Analyst Representing: BILL BARRETT CORP

**RECEIVED: Aug. 03, 2012**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 4-26D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1326 FSL 0702 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/13/2013</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input checked="" type="checkbox"/> APD EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	
OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC requests an additional APD extension for this well as this well requires federal approval to drill.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** July 01, 2013

**By:**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/27/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43007314410000**

**API:** 43007314410000

**Well Name:** PPU FED 4-26D-12-15

**Location:** 1326 FSL 0702 FWL QTR NWSW SEC 23 TWNP 120S RNG 150E MER S

**Company Permit Issued to:** BILL BARRETT CORP

**Date Original Permit Issued:** 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Brady Riley

**Date:** 6/27/2013

**Title:** Permit Analyst **Representing:** BILL BARRETT CORP

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/1/2014**

<b>FROM:</b> (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202  Phone: 1 (303) 312-8134	<b>TO:</b> ( New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002  Phone: 1 (713) 659-3500
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CA No.				Unit:	Prickly Pear			
WELL NAME	SEC TWN RNG			API NO.	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/7/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/7/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/28/2014
- a. Is the new operator registered in the State of Utah: Business Number: 8850806-0161
- a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- b. Inspections of LA PA state/fee well sites complete on: Yes
- c. Reports current for Production/Disposition & Sundries on: 1/24/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Yes

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 1/28/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/28/2014
- Bond information entered in RBDMS on: 1/28/2014
- Fee/State wells attached to bond in RBDMS on: 1/28/2014
- Injection Projects to new operator in RBDMS on: 1/28/2014
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 1/7/2014

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB7886
- Indian well(s) covered by Bond Number: RLB7886
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B008371
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014

**COMMENTS:**

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	Federal	GW	APD
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	Federal	GW	APD
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	Federal	GW	APD
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	7	120S	150E	4300750094		Federal	Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15	7	120S	150E	4300750095		Federal	Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15	7	120S	150E	4300750096		Federal	Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15	7	120S	150E	4300750097		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15	8	120S	150E	4300750124		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	8	120S	150E	4300750125		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	8	120S	150E	4300750126		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	8	120S	150E	4300750127		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	7	120S	150E	4300750185		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15	7	120S	150E	4300750186		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15	7	120S	150E	4300750187		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15	7	120S	150E	4300750188		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15	7	120S	150E	4300750189		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15	7	120S	150E	4300750190		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	7	120S	150E	4300750191		Federal	Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220		Federal	Federal	GW	APD

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-18D-12-15	7	120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7	120S	150E	4300750226		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-7D-12-15	7	120S	150E	4300750227		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7	120S	150E	4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7	120S	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	7	120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-8D-12-15	8	120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8	120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8	120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8	120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8	120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8	120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8	120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8	120S	150E	4300750263		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8	120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	8	120S	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15	8	120S	150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	8	120S	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15	8	120S	150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	8	120S	150E	4300750269		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15	8	120S	150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15	8	120S	150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15	8	120S	150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15	8	120S	150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15	9	120S	150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15	9	120S	150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15	9	120S	150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15	9	120S	150E	4300750277		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-9D-12-15	9	120S	150E	4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15	9	120S	150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15	9	120S	150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15	9	120S	150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15	9	120S	150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298		Federal	Federal	GW	APD

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-7D-12-15	7	120S	150E	4300750309		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-7D-12-15	7	120S	150E	4300750311		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-7D-12-15	7	120S	150E	4300750313		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-7D-12-15	7	120S	150E	4300750314		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-7D-12-15	7	120S	150E	4300750315		Federal	Federal	GW	APD
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317		Federal	Federal	GW	APD
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-7D-12-15	7	120S	150E	4300750320		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-7D-12-15	7	120S	150E	4300750325		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-7D-12-15	7	120S	150E	4300750329		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-7D-12-15	7	120S	150E	4300750331		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-10D-12-15	9	120S	150E	4300750332		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-10D-12-15	9	120S	150E	4300750333		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-10D-12-15	9	120S	150E	4300750334		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-10D-12-15	9	120S	150E	4300750335		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-10D-12-15	9	120S	150E	4300750336		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-10D-12-15	9	120S	150E	4300750338		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-10D-12-15	9	120S	150E	4300750339		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-10D-12-15	9	120S	150E	4300750340		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-9D-12-15	9	120S	150E	4300750341		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-9D-12-15	9	120S	150E	4300750342		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-9D-12-15	9	120S	150E	4300750343		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-9D-12-15	9	120S	150E	4300750344		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-9D-12-15	9	120S	150E	4300750345		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-9D-12-15	9	120S	150E	4300750346		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	Federal	GW	APD
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	Federal	GW	OPS
PRICKLY PEAR US 1A-16D-12-15	9	120S	150E	4300750192	14794	State	Federal	GW	OPS
PRICKLY PEAR US 2A-16D-12-15	9	120S	150E	4300750193	14794	State	Federal	GW	OPS
PRICKLY PEAR US 2-16D-12-15	9	120S	150E	4300750194	14794	State	Federal	GW	OPS
PRICKLY PEAR UF 9A-9D-12-15	9	120S	150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15	9	120S	150E	4300750197	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15	9	120S	150E	4300750198	14794	Federal	Federal	GW	OPS



Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9	120S	150E	4300750199	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9	120S	150E	4300750200	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9	120S	150E	4300750201	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9	120S	150E	4300750203	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9	120S	150E	4300750204	14794	Federal	Federal	GW	OPS
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794	Federal	Federal	GW	P
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794	State	State	GW	P
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794	State	State	GW	P
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794	Federal	Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569	Federal	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794	State	State	GW	P
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794	State	State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794	State	State	GW	P
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794	Federal	Federal	GW	P
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794	Federal	Federal	GW	P
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068	Federal	Federal	GW	P
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794	Federal	Federal	GW	P
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794	Federal	Federal	GW	P
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794	Federal	Federal	GW	P
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794	Federal	Federal	GW	P
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)  
Effective 1/1/2014  
Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794	Federal	Federal	GW	P
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794	Federal	Federal	GW	P
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794	Federal	Federal	GW	P
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794	Federal	Federal	GW	P
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794	Federal	Federal	GW	P
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794	Federal	Federal	GW	P
PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794	Federal	Federal	GW	P
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794	Federal	Federal	GW	P
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794	Federal	Federal	GW	P
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794	Federal	Federal	GW	P
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794	Federal	Federal	GW	P
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794	State	State	GW	P
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794	State	State	GW	P
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794	State	State	GW	P
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794	Federal	Federal	GW	P
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794	Federal	Federal	GW	P
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794	Federal	Federal	GW	P
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794	Federal	Federal	GW	P
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794	Federal	Federal	GW	P
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794	Federal	Federal	GW	P
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794	Federal	Federal	GW	P
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794	Federal	Federal	GW	P
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794	Federal	Federal	GW	P
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794	Federal	Federal	GW	P
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794	Federal	Federal	GW	P
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794	Federal	Federal	GW	P
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794	Federal	Federal	GW	P
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794	Federal	Federal	GW	P
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794	Federal	Federal	GW	P
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794	Federal	Federal	GW	P
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794	Federal	Federal	GW	P
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794	Federal	Federal	GW	P
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794	Federal	Federal	GW	P
PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794	Federal	Federal	GW	P
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794	Federal	Federal	GW	P
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794	Federal	Federal	GW	P
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794	Federal	Federal	GW	P
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794	Federal	Federal	GW	P
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794	State	State	GW	P
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794	State	State	GW	P
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794	State	State	GW	P
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794	State	State	GW	P
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794	Federal	Federal	GW	P
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794	State	State	GW	P
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794	State	State	GW	P
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794	State	State	GW	P
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794	State	State	GW	P
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794	State	State	GW	P
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794	State	State	GW	P
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794	State	State	GW	P
PPU FED 10-7D-12-15	7	120S	150E	4300731470	14794	Federal	Federal	GW	P
PPU FED 15-7D-12-15	7	120S	150E	4300731471	14794	Federal	Federal	GW	P
PPU FED 9-7D-12-15	7	120S	150E	4300731472	14794	Federal	Federal	GW	P
PPU FED 16-7D-12-15	7	120S	150E	4300731473	14794	Federal	Federal	GW	P
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794	State	State	GW	P
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794	State	State	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794	State	State	GW	P
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794	State	State	GW	P
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794	State	State	GW	P
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794	State	State	GW	P
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794	State	State	GW	P
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794	State	State	GW	P
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794	State	State	GW	P
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794	State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8	120S	150E	4300750059	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15	8	120S	150E	4300750060	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15	8	120S	150E	4300750061	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15	8	120S	150E	4300750062	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8	120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8	120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8	120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8	120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8	120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8	120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8	120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8	120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9	120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9	120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794	Federal	Federal	GW	S

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	(See attached list)
API number:	
Location:	Qtr-Qtr:                      Section:                      Township:                      Range:
Company that filed original application:	Bill Barrett Corporation
Date original permit was issued:	
Company that permit was issued to:	Bill Barrett Corporation

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>B 008371</u>	<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Ronnie Young Title DIRECTOR - REGULATORY RECEIVED  
Signature *Ronnie L Young* Date 12.5.13 JAN 07 2014  
Representing (company name) EnerVest Operating, L.L.C.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill. DIV. OF OIL, GAS & MINING

UDOGM APD TRANSFER FORM WELL LIST

Well Name	Sec	TWN	RNG	API Number	Entity	Lease	Well Type	Well Status	Unit
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794	Federal	GW	OPS	PRICKLY PEAR
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E	4300750095		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E	4300750096		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E	4300750126		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E	4300750127		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	GW	APD	PRICKLY PEAR



UDOGM APD TRANSFER FORM WELL LIST

PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E	4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E	4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E	4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E	4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E	4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E	4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E	4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E	4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E	4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E	4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E	4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E	4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E	4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E	4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E	4300750261	Federal	GW	APD	PRICKLY PEAR

UDOGM APD TRANSFER FORM WELL LIST

PRICKLY PEAR UF 4-8D-12-15	08	120S	150E	4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E	4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E	4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E	4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E	4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E	4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E	4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E	4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E	4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E	4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E	4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E	4300750273	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-9D-12-15	09	120S	150E	4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E	4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E	4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E	4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E	4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E	4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E	4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E	4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E	4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E	4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E	4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E	4300750313	Federal	GW	APD	PRICKLY PEAR

UDOGM APD TRANSFER FORM WELL LIST

PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E	4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E	4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E	4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351	Federal	GW	APD	

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JAN 07 2014

COPY

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: ENERVEST OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list)		8. WELL NAME and NUMBER: (see attached well list)
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BARRETT CORPORATION EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

EnerVest Operating, L.L.C.

1001 Fannin, Suite 800

Houston, Texas 77002

713-659-3500

(BLM BOND # RLB 7886, STATE/FEE BOND # B008321)

BILL BARRETT CORPORATION

ENERVEST OPERATING, LLC

Duane Zavadih NAME (PLEASE PRINT)

RONNIE L YOUNG NAME (PLEASE PRINT)

Ronnie Young SIGNATURE

Ronnie L Young SIGNATURE

Senior Vice President -

EH&S, Government and Regulatory Affairs

DIRECTOR - REGULATORY

NAME (PLEASE PRINT) RONNIE YOUNG

TITLE DIRECTOR - REGULATORY

SIGNATURE

Ronnie L Young

DATE

12/10/2013

(This space for State use only)

**APPROVED**

JAN 28 2014 4:00 PM

RECEIVED

JAN 07 2014

DIV. OF OIL, GAS & MINING  
Rachel Medina

## UDOGM CHANGE OF OPERATOR WELL LIST

Well Name	Sec	TWN	RNG	API Number	Entity	Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E	4300750095		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E	4300750096		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E	4300750126		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E	4300750127		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188		Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E	4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E	4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E	4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E	4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E	4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E	4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E	4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E	4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E	4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E	4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E	4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E	4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E	4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E	4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E	4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E	4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E	4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E	4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E	4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E	4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E	4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E	4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E	4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E	4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E	4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E	4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E	4300750273	Federal	GW	APD	PRICKLY PEAR



UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E	4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E	4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E	4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E	4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E	4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E	4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E	4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E	4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E	4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E	4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E	4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E	4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E	4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E	4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E	4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322	Federal	GW	APD	PRICKLY PEAR

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PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350		Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351		Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794	Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030	Federal	GW	P	

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STONE CABIN UNIT 1	13	120S	140E	4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E	4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E	4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E	4300730775	13158 State	GW	P	
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E	4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E	4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E	4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E	4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E	4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897 Federal	GW	P	
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E	4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E	4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E	4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794 Federal	GW	P	PRICKLY PEAR

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PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E	4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E	4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E	4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E	4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E	4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E	4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E	4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E	4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E	4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E	4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470 Federal	GW	P	PETERS POINT



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PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E	4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E	4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E	4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E	4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E	4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E	4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E	4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E	4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E	4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E	4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E	4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E	4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E	4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E	4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E	4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E	4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E	4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E	4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E	4300731017	14472 State	D	PA	

# UDOGM CHANGE OF OPERATOR WELL LIST

PTS 33-36 STATE	36	110S	140E	4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E	4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794 Federal	GW	S	PRICKLY PEAR

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73896
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ENERVEST OPERATING, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1001 Fannin Street, Suite 800, Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> PPU FED 4-26D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1326 FSL 0702 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000
<b>PHONE NUMBER:</b> 713 659-3500 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>11/15/2014</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EnerVest Operating, LLC requests a one year drilling permit extension for the referenced well. This is the sixth extension that has been requested.

Approved by the  
 July 23, 2014  
 Oil, Gas and Mining

Date: \_\_\_\_\_

By:

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 650-3866	<b>TITLE</b> Permitting Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/22/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43007314410000**

API: 43007314410000

Well Name: PPU FED 4-26D-12-15

Location: 1326 FSL 0702 FWL QTR NWSW SEC 23 TWNP 120S RNG 150E MER S

Company Permit Issued to: ENERVEST OPERATING, LLC

Date Original Permit Issued: 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Don Hamilton

Date: 7/22/2014

Title: Permitting Agent Representing: ENERVEST OPERATING, LLC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73896			
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<b>2. NAME OF OPERATOR:</b> ENERVEST OPERATING, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR			
<b>3. ADDRESS OF OPERATOR:</b> 1001 Fannin Street, Suite 800, Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 4-26D-12-15			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1337 FSL 0675 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000			
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/15/2015  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  EnerVest Operating, LLC respectfully requests that the PPU Fed 4-26D-12-15 (federal surface and mineral) approved APD be updated to include a revised surface and bottom hole location and that the well name be changed to the Prickly Pear UF 4-26D-12-15. The approved TD of 7900' will change to 7368' TVD and 7834' MD. Following are the updated locations along the intended well bore path: NWSW, 1337' FSL, 675' FWL, Sec. 23, T12S-R15E (surface hole) NWNW, 618' FNL, 591' FWL, Sec. 26, T12S-R15E (bottom hole) Attached please find revised attachments reflecting the changes.					
<b>Approved by the</b> <b>February 04, 2015</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> _____ <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Don Hamilton		<b>PHONE NUMBER</b> 435 650-3866			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Agent			
<b>DATE</b> 2/2/2015					



Prickly Pear UF 4-26D-12-15

EnerVest Operating, LLC respectfully requests that the PPU Fed 4-26D-12-15 (federal surface and mineral) approved APD be updated to include a revised surface and bottom hole location and that the well name be changed to the Prickly Pear UF 4-26D-12-15. The approved TD of 7900' will change to 7368' TVD and 7834' MD. Following are the updated locations along the intended well bore path:

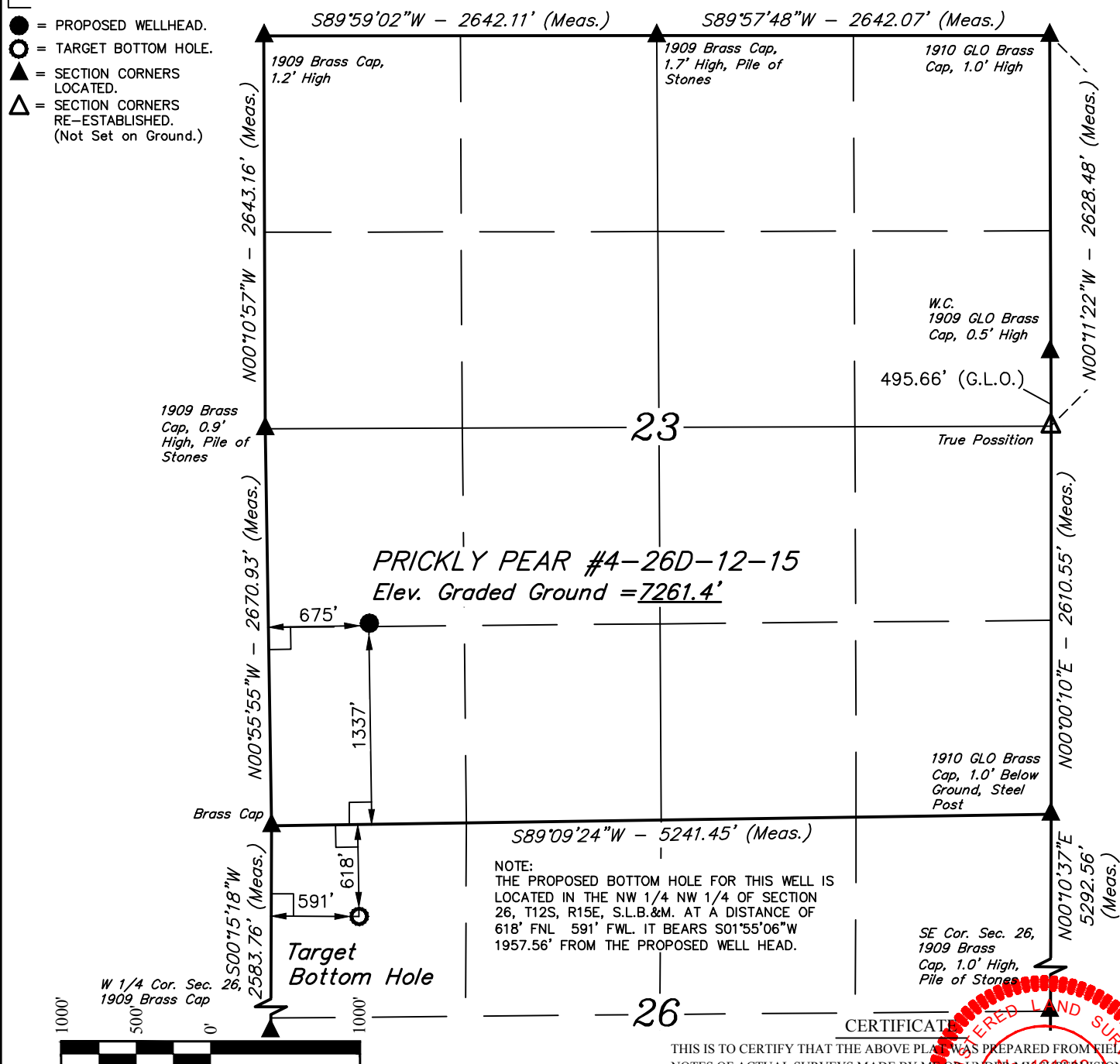
NWSW, 1337' FSL, 675' FWL, Sec. 23, T12S-R15E (surface hole)

NWNW, 618' FNL, 591' FWL, Sec. 26, T12S-R15E (bottom hole)

Attached please find revised attachments reflecting the changes.

**LEGEND:**

- = 90° SYMBOL  
 ● = PROPOSED WELLHEAD.  
 ○ = TARGET BOTTOM HOLE.  
 ▲ = SECTION CORNERS LOCATED.  
 △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

**T12S, R15E, S.L.B.&M.**

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°45'00.83" (39.750231)	LATITUDE = 39°45'20.16" (39.755600)
LONGITUDE = 110°12'41.09" (110.211414)	LONGITUDE = 110°12'40.26" (110.211183)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°45'00.96" (39.750266)	LATITUDE = 39°45'20.29" (39.755636)
LONGITUDE = 110°12'38.53" (110.210703)	LONGITUDE = 110°12'37.70" (110.210472)
STATE PLANE NAD 27	STATE PLANE NAD 27
N: 518696.15 E: 2362486.45	N: 520652.50 E: 2362522.86

**BASIS OF BEARINGS**  
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

**BASIS OF ELEVATION**

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

**ENERVEST OPERATING, LLC**

**PRICKLY PEAR #4-26D-12-15**  
NW 1/4 SW 1/4, SECTION 23, T12S, R15E, S.L.B.&M.  
CARBON COUNTY, UTAH

SURVEYED BY: L.K., D.D.	SURVEY DATE: 06-25-08
DRAWN BY: C.C.	DATE DRAWN: 07-02-08
SCALE: 1" = 1000'	REVISED: 12-01-14 C.D.

**WELL LOCATION PLAT**

**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

RECEIVED: Feb. 03, 2015

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND SAND WASH ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND 9450 SOUTH TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 4.7 MILES TO THE JUNCTION OF THIS ROAD AND 9 MILE CANYON TO THE SOUTH; PROCEED IN A SOUTHERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 30.0 MILES TO THE JUNCTION OF THIS ROAD AND HARMON CANYON ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 4.7 MILES TO THE JUNCTION OF THIS ROAD AND STONE CABIN GAS FIELD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND PRICKLY PEAR ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.7 MILES.

### ENERVEST OPERATING, LLC

PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,  
#14-23D-12-15, #11-23D-12-15,  
#6-23D-12-15, #5-23D-12-15 & #12-23D-12-15  
SECTION 23, T12S, R15E, S.L.B. & M.  
NW 1/4 SW 1/4



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: J.J.

DATE DRAWN: 07-10-08

REVISED: 12-02-14 N.W.

### ROAD DESCRIPTION

RECEIVED: Feb. 03, 2015

EnerVest Operating, LLC  
 Drilling Program  
 Prickly Pear UF 4-26D-12-15  
 Carbon County, Utah

## **DRILLING PROGRAM**

### **ENERVEST OPERATING, LLC**

#### **Prickly Pear UF 4-26D-12-15**

NWSW, 1337' FSL, 675' FWL, Sec. 23, T12S-R15E (surface hole)

NWNW, 618' FNL, 591' FWL, Sec. 26, T12S-R15E (bottom hole)

Carbon County, Utah

**1 – 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<b><u>Formation</u></b>	<b><u>Depth – MD</u></b>	<b><u>Depth – TVD</u></b>
Green River	Surface	Surface
Wasatch	3235'*	2868'*
North Horn	5395'*	4928'*
Dark Canyon	7055'*	6588'*
Price River	7245'*	6778'*
TD	7834'	7368'

**PROSPECTIVE PAY:** \*Wasatch, North Horn, Dark Canyon, and Price River are the primary objectives. All potentially productive hydrocarbon zones will be isolated with cement in the production casing annulus.

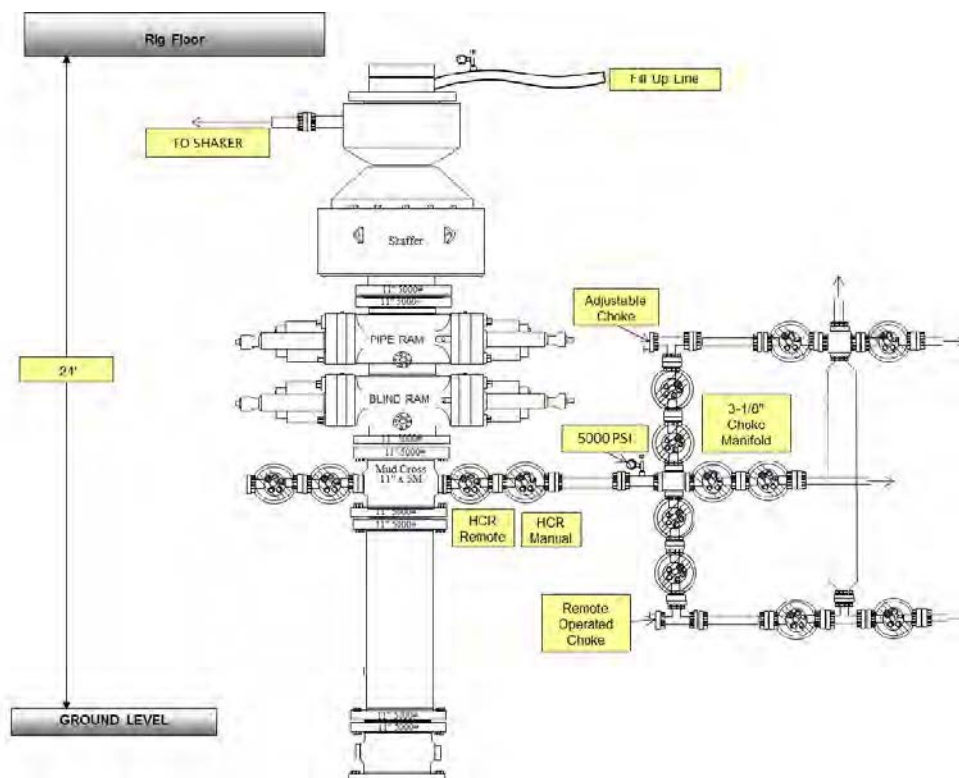
**3. BOP, Wellhead, and Pressure Containment Data**

<b><u>Depth Intervals</u></b>	<b><u>BOP Equipment</u></b>
0 – 1100'	Diverter
1100' – TD	<u>BOP Stack &amp; Pressure Control</u> <ul style="list-style-type: none"> <li>• 11" 5000# Ram Type BOP</li> <li>• 11" 5000# Annular BOP</li> <li>• 3-1/8" Choke Manifold</li> </ul> <u>Accumulator</u> <ul style="list-style-type: none"> <li>• Vetco Gray, MA060-11SB3</li> <li>• Main Reservoir Fluid Tank Size: 315</li> <li>• 2 Tri Plex Pumps</li> <li>• 2 backup Nitrogen Bottles</li> <li>• 9 Bottles @ 10 gal/bottle = 90 gal capacity Usable Fluid Volume = 44 gal</li> <li>• Precharge = 1000 psi, Minimum = 1200 psi, System = 2950 psi</li> <li>• Considering a Closing Volume Annular = 18.67 gal, Closing Volume Ram #1 = 2.8 gal, Closing Volume Ram #2 = 2.8 gal, Closing Volume HCR's = 1 gal, and Safety Factor = 1.5: Usable Fluid Required = 37.905 gal, Total Volume Required = 77 gal, Number of Bottles Required = 8 bottles</li> </ul>
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	

EnerVest Operating, LLC  
 Drilling Program  
 Prickly Pear UF 4-26D-12-15  
 Carbon County, Utah

- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.

### Wellhead Information



### 4. Casing Program

<u>Hole Size</u>	<u>Setting Depth</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>	<u>Burst psi</u>	<u>Collapse psi</u>	<u>Tension lbs</u>
24"	Surface	40'	14"	65#						
12 1/4"	Surface	1100'	9 5/8"	36#	J or K 55	ST&C	New	3,520	2,020	394,000*
7-7/8"	Surface	TD'	4 1/2"	13.5#	P-110	Patriot TC	New	12,410**	10,670**	422,000**
Centralizer Program: Surface – centralizer every 3 <sup>rd</sup> joint. Production – every 2 <sup>nd</sup> joint in the curves and tangent, every 3 <sup>rd</sup> joint in the vertical sections										

\* STC Tension rating (394,000 lbs) is lower than pipe body rating (564,000 lbs) and is used in design factor calculation

\*\* Patriot TC is a 100% rated connection in Burst, Collapse, and Tension (pipe body rating = connection rating)

<u>Casing Size</u>	<u>API Burst DF</u>	<u>API Collapse DF</u>	<u>API Tension DF</u>	<u>Load DF, Burst</u>	<u>Load DF, Collapse</u>	<u>Load DF, Tension</u>
9 5/8"	1.2	1.1	1.6	6.5	3.7	9.9
4 1/2"	1.2	1.1	1.6	1.4	3.0	2.9

EnerVest Operating, LLC  
 Drilling Program  
 Prickly Pear UF 4-26D-12-15  
 Carbon County, Utah

### **Load Cases**

9-5/8" Burst: 9.5 ppg inside, vacuum outside  
 9-5/8" Collapse: Vacuum inside, 9.5 ppg outside  
 9-5/8" Tension: Hanging weight, no buoyancy

4-1/2" Burst: 8.33 ppg frac fluid + frac pressure at screenout, 8.33 ppg outside  
 4-1/2" Collapse: Vacuum inside, 9.5 ppg outside  
 4-1/2" Tension: Frac pressure at screenout, no buoyancy

### **Casing Testing Procedure**

Surface casing will be tested to 1500 psi for 30 minutes with BOP testers. Casing will be tested subsequent to performing BOP, choke, and surface valve tests.

Production casing will be tested to .22 psi/ft or 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

## **5. Cementing Program**

14" Conductor Casing	Grout cement
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 240 sx Varicem cement, 14.24 gal/sk Fresh Water, 2% BWOC Cal-Seal 60, 0.35% BWOC Versaset (PB), 0.3% BWOC D-Air 5000, 6% BWOW NaCl, 2.5% BWOC Econolite (Powder-PB), mixed at 12.0 ppg (yield = 1.70 ft<sup>3</sup>/sx). Calculated TOC = 0' (800' Fill), 100% Excess</p> <p><i>Tail</i> with approximately and 200 sx Halcem cement, 5.02 gal/sk Fresh Water, 1% BWOW NaCl, mixed at 15.8 ppg (yield = 1.15 ft<sup>3</sup>/sx). Calculated TOC = 800' (300' Fill), 100% Excess</p>
4 1/2" Production Casing	<p><i>Lead</i> with approximately 470 sx Econocem, 10.31 gal/sk Fresh Water, 0.7% BWOC HR-5 (PB), 0.125 lb/sk Pol-E-Flake, mixed at 12.5 ppg (yield = 1.91 ft<sup>3</sup>/sk). Calculated TOC = 800' (3598' Fill), 10% Excess</p> <p><i>Tail</i> with approximately 545 sx Expandacem, 6.93 gal/sk Fresh Water, 0.125 lb/sk Pol-E-Flake, 1 lb/sk Granulite TR 1/4, 0.1% BWOC HR-5 (PB), mixed at 13.4 ppg (yield = 1.58 ft<sup>3</sup>/sk). Calculated TOC = 4398' (3436' Fill), 10% Excess</p>

## **6. Mud Program**

<b><u>Interval</u></b>	<b><u>Weight</u></b>	<b><u>Viscosity</u></b>	<b><u>Fluid Loss (API filtrate)</u></b>	<b><u>Remarks</u></b>
0 – 40'	8.3 – 8.6	27 – 40	--	Native Spud Mud
40' – 1100'	--	--	--	Air Drilling
1100' – TD	8.6 – 9.5	38 – 46	15 cc or less	LSND
<p>Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. EV may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag in the production hole only.</p> <p>Surface casing will be drilled with air. If water is encountered, EV will mud up conventionally with fresh water mud. Diesel will only be used in the production hole, particularly if there are high angle</p>				



EnerVest Operating, LLC  
 Drilling Program  
 Prickly Pear UF 4-26D-12-15  
 Carbon County, Utah

tangents or sloughing shale (maximum diesel of 3-5%). However, Gilsonite mud additives are the preferred method of controlling sloughing shale and diesel additions will be avoided if possible.

**7. Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	ACRT-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Loss circulation is a concern while drilling to surface casing point, but air drilling should help mitigate the issue. The second zone of loss concern is the Wasatch, to which an LCM program of Cotton Seed Hulls and Cedar Fiber sweeps will be applied if losses are encountered.

Maximum anticipated bottom hole pressure equals approximately 3640 psi\* and maximum anticipated surface pressure equals approximately 2019 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)

\*\*Maximum surface pressure = A – (0.22 x TVD)

**9. Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

**10. Drilling Schedule**

Location Construction: Constructed  
 Spud: 4/23/2015  
 Duration: 8 days drilling time  
 15 days completion time

**Other -Onshore Variances Requested**

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past EV has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with the drilling rig for all Federal wells located at this pad. Surface casing is approximately 1100'. EV will comply with the following surface air drilling operation requirements:

1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, EV will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



Company: EnerVest Operating LLC  
 Project: Carbon County, UT NAD27  
 Site: Prickly Pear 23D Pad  
 Well: Prickly Pear 4-26D-12-15

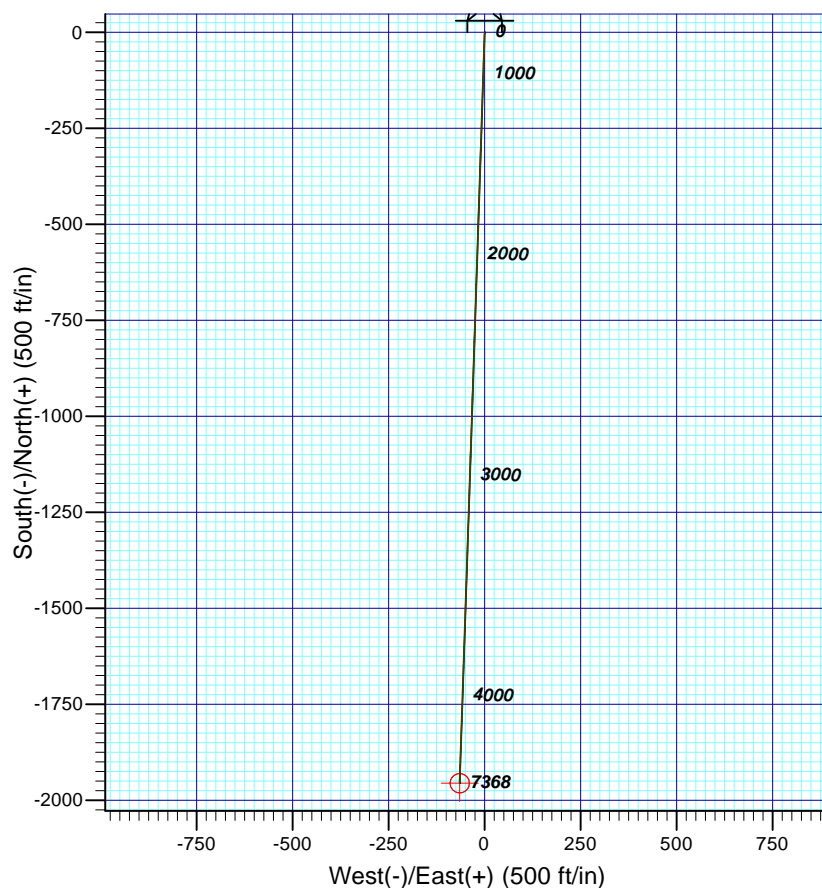
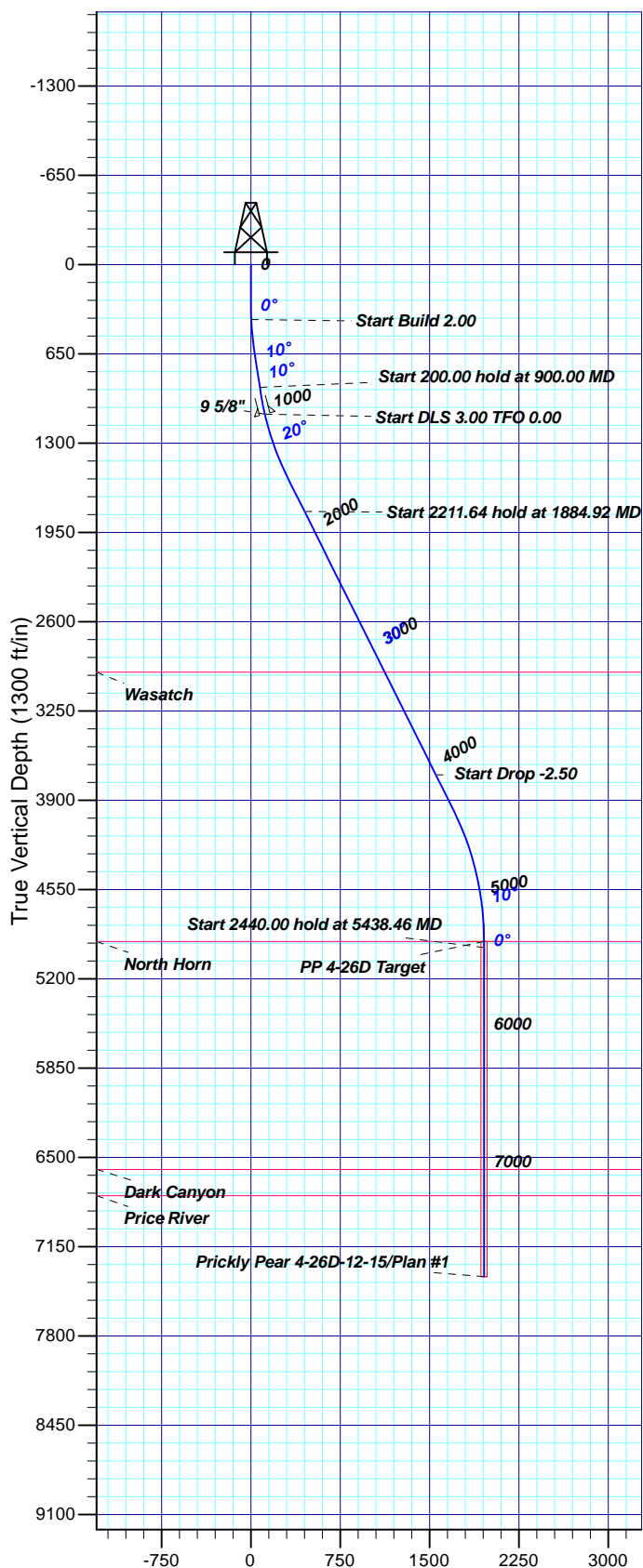
## Well Details: Prickly Pear 4-26D-12-15

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	520652.54	2362523.14	39.7556359	-110.2104720	F



Azimuths to True North  
 Magnetic North: 11.02°

Magnetic Field  
 Strength: 51617.0snT  
 Dip Angle: 65.44°  
 Date: 11/19/2014  
 Model: BGGM2014



## FORMATION TOP DETAILS

TVDPPath	MDPath	Formation
2968.00	3235.29	Wasatch
4928.00	5394.68	North Horn
6588.00	7054.68	Dark Canyon
6778.00	7244.68	Price River

## Plan: Plan #1

14:25, December 17 2014  
 Created By: Mel Mireles

PROJECT DETAILS: Carbon County, UT NAD27

Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Utah Central 4302

System Datum: Mean Sea Level

## CASING DETAILS

TVD	MD	Name	Size
1089.75	1100.00	9 5/8"	9.625

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
3	633.33	10.00	181.90	631.64	-29.00	-0.96	3.00	181.90	29.02	
4	933.33	10.00	181.90	927.09	-81.06	-2.69	0.00	0.00	81.11	
5	1596.67	29.90	181.90	1547.49	-306.14	-10.16	3.00	0.00	306.31	
6	4398.01	29.90	181.90	3975.95	-1701.81	-56.51	0.00	0.00	1702.75	
7	5394.68	0.00	0.00	4928.00	-1955.88	-64.95	3.00	180.00	1956.96	PP 4-26D Target
8	7834.68	0.00	0.00	7368.00	-1955.88	-64.95	0.00	0.00	1956.96	

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PP 4-26D Target	4928.00	-1955.88	-64.95	518695.93	2362486.39	39.7502660	-110.2107030	Circle (Radius: 25.00)

- plan hits target center

# **EnerVest Operating LLC**

**Carbon County, UT NAD27**

**Prickly Pear 23D Pad**

**Prickly Pear 4-26D-12-15 - Slot F**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**17 December, 2014**



[www.scientificdrilling.com](http://www.scientificdrilling.com)



**SDI**  
Planning Report



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Company:</b>	EnerVest Operating LLC	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Project:</b>	Carbon County, UT NAD27	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site:</b>	Prickly Pear 23D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1		

<b>Project</b>	Carbon County, UT NAD27		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	Prickly Pear 23D Pad			
<b>Site Position:</b>		<b>Northing:</b>	520,683.99 usft	<b>Latitude:</b> 39.7557220
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,362,529.72 usft	<b>Longitude:</b> -110.2104470
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b> 0.83 °

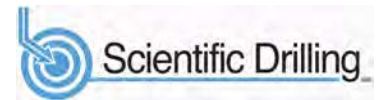
<b>Well</b>	Prickly Pear 4-26D-12-15 - Slot F			
<b>Well Position</b>	<b>+N/-S</b>	-31.35 ft	<b>Northing:</b>	520,652.54 usft
	<b>+E/-W</b>	-7.03 ft	<b>Easting:</b>	2,362,523.14 usft
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	0.00 ft
			<b>Ground Level:</b>	7,261.50 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2014	11/19/2014	11.02	65.44	51,617

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	181.90

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
633.33	10.00	181.90	631.64	-29.00	-0.96	3.00	3.00	0.00	181.90	
933.33	10.00	181.90	927.09	-81.06	-2.69	0.00	0.00	0.00	0.00	
1,596.67	29.90	181.90	1,547.49	-306.14	-10.16	3.00	3.00	0.00	0.00	
4,398.01	29.90	181.90	3,975.95	-1,701.81	-56.51	0.00	0.00	0.00	0.00	
5,394.68	0.00	0.00	4,928.00	-1,955.88	-64.95	3.00	-3.00	0.00	180.00	PP 4-26D Target
7,834.68	0.00	0.00	7,368.00	-1,955.88	-64.95	0.00	0.00	0.00	0.00	

**SDI**  
Planning Report

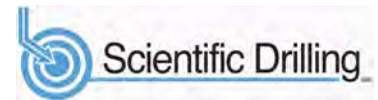


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<b>Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	3.00	181.90	399.95	-2.62	-0.09	2.62	3.00	3.00	0.00
Start Build 2.00									
500.00	6.00	181.90	499.63	-10.46	-0.35	10.46	3.00	3.00	0.00
600.00	9.00	181.90	598.77	-23.50	-0.78	23.51	3.00	3.00	0.00
633.33	10.00	181.90	631.64	-29.00	-0.96	29.02	3.00	3.00	0.00
700.00	10.00	181.90	697.30	-40.57	-1.35	40.59	0.00	0.00	0.00
800.00	10.00	181.90	795.78	-57.92	-1.92	57.96	0.00	0.00	0.00
900.00	10.00	181.90	894.26	-75.28	-2.50	75.32	0.00	0.00	0.00
Start 200.00 hold at 900.00 MD									
933.33	10.00	181.90	927.09	-81.06	-2.69	81.11	0.00	0.00	0.00
1,000.00	12.00	181.90	992.52	-93.78	-3.11	93.83	3.00	3.00	0.00
1,100.00	15.00	181.90	1,089.75	-117.11	-3.89	117.17	3.00	3.00	0.00
Start DLS 3.00 TFO 0.00 - 9 5/8"									
1,200.00	18.00	181.90	1,185.62	-145.49	-4.83	145.57	3.00	3.00	0.00
1,300.00	21.00	181.90	1,279.87	-178.85	-5.93	178.95	3.00	3.00	0.00
1,400.00	24.00	181.90	1,372.25	-217.09	-7.20	217.21	3.00	3.00	0.00
1,500.00	27.00	181.90	1,462.50	-260.11	-8.63	260.26	3.00	3.00	0.00
1,596.67	29.90	181.90	1,547.49	-306.14	-10.16	306.31	3.00	3.00	0.00
1,600.00	29.90	181.90	1,550.37	-307.80	-10.22	307.96	0.00	0.00	0.00
1,700.00	29.90	181.90	1,637.06	-357.62	-11.87	357.81	0.00	0.00	0.00
1,800.00	29.90	181.90	1,723.75	-407.44	-13.53	407.66	0.00	0.00	0.00
1,884.92	29.90	181.90	1,797.37	-449.74	-14.93	449.99	0.00	0.00	0.00
Start 2211.64 hold at 1884.92 MD									
1,900.00	29.90	181.90	1,810.44	-457.26	-15.18	457.51	0.00	0.00	0.00
2,000.00	29.90	181.90	1,897.13	-507.08	-16.83	507.36	0.00	0.00	0.00
2,100.00	29.90	181.90	1,983.82	-556.90	-18.49	557.21	0.00	0.00	0.00
2,200.00	29.90	181.90	2,070.51	-606.72	-20.14	607.06	0.00	0.00	0.00
2,300.00	29.90	181.90	2,157.20	-656.55	-21.80	656.91	0.00	0.00	0.00
2,400.00	29.90	181.90	2,243.89	-706.37	-23.45	706.76	0.00	0.00	0.00
2,500.00	29.90	181.90	2,330.58	-756.19	-25.11	756.61	0.00	0.00	0.00
2,600.00	29.90	181.90	2,417.27	-806.01	-26.76	806.46	0.00	0.00	0.00
2,700.00	29.90	181.90	2,503.96	-855.83	-28.42	856.30	0.00	0.00	0.00
2,800.00	29.90	181.90	2,590.65	-905.65	-30.07	906.15	0.00	0.00	0.00
2,900.00	29.90	181.90	2,677.34	-955.48	-31.73	956.00	0.00	0.00	0.00
3,000.00	29.90	181.90	2,764.03	-1,005.30	-33.38	1,005.85	0.00	0.00	0.00
3,100.00	29.90	181.90	2,850.72	-1,055.12	-35.03	1,055.70	0.00	0.00	0.00
3,200.00	29.90	181.90	2,937.41	-1,104.94	-36.69	1,105.55	0.00	0.00	0.00
3,235.29	29.90	181.90	2,968.00	-1,122.52	-37.27	1,123.14	0.00	0.00	0.00
Wasatch									
3,300.00	29.90	181.90	3,024.10	-1,154.76	-38.34	1,155.40	0.00	0.00	0.00
3,400.00	29.90	181.90	3,110.78	-1,204.58	-40.00	1,205.25	0.00	0.00	0.00
3,500.00	29.90	181.90	3,197.47	-1,254.41	-41.65	1,255.10	0.00	0.00	0.00
3,600.00	29.90	181.90	3,284.16	-1,304.23	-43.31	1,304.95	0.00	0.00	0.00
3,700.00	29.90	181.90	3,370.85	-1,354.05	-44.96	1,354.79	0.00	0.00	0.00
3,800.00	29.90	181.90	3,457.54	-1,403.87	-46.62	1,404.64	0.00	0.00	0.00
3,900.00	29.90	181.90	3,544.23	-1,453.69	-48.27	1,454.49	0.00	0.00	0.00
4,000.00	29.90	181.90	3,630.92	-1,503.51	-49.93	1,504.34	0.00	0.00	0.00
4,096.56	29.90	181.90	3,714.63	-1,551.62	-51.52	1,552.48	0.00	0.00	0.00
Start Drop -2.50									



**SDI**  
Planning Report



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Company:</b>	EnerVest Operating LLC	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Project:</b>	Carbon County, UT NAD27	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site:</b>	Prickly Pear 23D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,100.00	29.90	181.90	3,717.61	-1,553.33	-51.58	1,554.19	0.00	0.00	0.00
4,200.00	29.90	181.90	3,804.30	-1,603.16	-53.23	1,604.04	0.00	0.00	0.00
4,300.00	29.90	181.90	3,890.99	-1,652.98	-54.89	1,653.89	0.00	0.00	0.00
4,398.01	29.90	181.90	3,975.95	-1,701.81	-56.51	1,702.75	0.00	0.00	0.00
4,400.00	29.84	181.90	3,977.68	-1,702.80	-56.54	1,703.74	3.00	-3.00	0.00
4,500.00	26.84	181.90	4,065.68	-1,750.24	-58.12	1,751.20	3.00	-3.00	0.00
4,600.00	23.84	181.90	4,156.05	-1,793.01	-59.54	1,794.00	3.00	-3.00	0.00
4,700.00	20.84	181.90	4,248.54	-1,830.99	-60.80	1,832.00	3.00	-3.00	0.00
4,800.00	17.84	181.90	4,342.88	-1,864.09	-61.90	1,865.12	3.00	-3.00	0.00
4,900.00	14.84	181.90	4,438.83	-1,892.21	-62.83	1,893.25	3.00	-3.00	0.00
5,000.00	11.84	181.90	4,536.12	-1,915.26	-63.60	1,916.32	3.00	-3.00	0.00
5,100.00	8.84	181.90	4,634.49	-1,933.20	-64.20	1,934.27	3.00	-3.00	0.00
5,200.00	5.84	181.90	4,733.66	-1,945.97	-64.62	1,947.04	3.00	-3.00	0.00
5,300.00	2.84	181.90	4,833.36	-1,953.53	-64.87	1,954.61	3.00	-3.00	0.00
5,394.68	0.00	0.00	4,928.00	-1,955.88	-64.95	1,956.96	3.00	-3.00	0.00
<b>North Horn</b>									
5,400.00	0.00	0.00	4,933.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
5,438.46	0.00	0.00	4,971.78	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
<b>Start 2440.00 hold at 5438.46 MD</b>									
5,500.00	0.00	0.00	5,033.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
5,600.00	0.00	0.00	5,133.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
5,700.00	0.00	0.00	5,233.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
5,800.00	0.00	0.00	5,333.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
5,900.00	0.00	0.00	5,433.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,000.00	0.00	0.00	5,533.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,100.00	0.00	0.00	5,633.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,200.00	0.00	0.00	5,733.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,300.00	0.00	0.00	5,833.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,400.00	0.00	0.00	5,933.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,500.00	0.00	0.00	6,033.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,600.00	0.00	0.00	6,133.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,700.00	0.00	0.00	6,233.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,800.00	0.00	0.00	6,333.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
6,900.00	0.00	0.00	6,433.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,000.00	0.00	0.00	6,533.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,054.68	0.00	0.00	6,588.00	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
<b>Dark Canyon</b>									
7,100.00	0.00	0.00	6,633.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,200.00	0.00	0.00	6,733.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,244.68	0.00	0.00	6,778.00	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
<b>Price River</b>									
7,300.00	0.00	0.00	6,833.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,400.00	0.00	0.00	6,933.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,500.00	0.00	0.00	7,033.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,600.00	0.00	0.00	7,133.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,700.00	0.00	0.00	7,233.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,800.00	0.00	0.00	7,333.32	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00
7,834.68	0.00	0.00	7,368.00	-1,955.88	-64.95	1,956.96	0.00	0.00	0.00

**SDI**  
Planning Report



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Company:</b>	EnerVest Operating LLC	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Project:</b>	Carbon County, UT NAD27	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site:</b>	Prickly Pear 23D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
PP 4-26D Target	0.00	0.00	4,928.00	-1,955.88	-64.95	518,695.93	2,362,486.40	39.7502660	-110.2107030
- plan hits target center									
- Circle (radius 25.00)									

Casing Points					
Measured Depth	Vertical Depth			Casing Diameter	Hole Diameter
(ft)	(ft)			(in)	(in)
		Name			
1,100.00	1,089.75	9 5/8"		9.625	13.500

Formations					
Measured Depth	Vertical Depth			Dip	Dip Direction
(ft)	(ft)			(°)	(°)
		Name		Lithology	
3,235.29	2,968.00	Wasatch			
5,394.68	4,928.00	North Horn			
7,054.68	6,588.00	Dark Canyon			
7,244.68	6,778.00	Price River			

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S	+E/-W		
		(ft)	(ft)	Comment	
400.00	399.95	-2.62	-0.09	Start Build 2.00	
900.00	894.26	-75.28	-2.50	Start 200.00 hold at 900.00 MD	
1,100.00	1,089.75	-117.11	-3.89	Start DLS 3.00 TFO 0.00	
1,884.92	1,797.37	-449.74	-14.93	Start 2211.64 hold at 1884.92 MD	
4,096.56	3,714.63	-1,551.62	-51.52	Start Drop -2.50	
5,438.46	4,971.78	-1,955.88	-64.95	Start 2440.00 hold at 5438.46 MD	
7,878.46				TD at 7878.46	

# **EnerVest Operating LLC**

**Carbon County, UT NAD27**

**Prickly Pear 23D Pad**

**Prickly Pear 4-26D-12-15**

**OH**

**Plan #1**

## **Anticollision Report**

**18 December, 2014**



[www.scientificdrilling.com](http://www.scientificdrilling.com)



**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

<b>Reference</b>	Plan #1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD Interval 100.00ft	<b>Error Model:</b>	Systematic Ellipse
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 2,210.21 ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

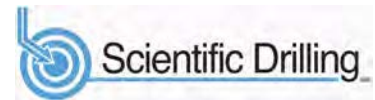
<b>Survey Tool Program</b>	<b>Date</b>	12/17/2014		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	7,834.68	Plan #1 (OH)	MWD SDI	MWD - Standard ver 1.0.1

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Prickly Pear 23D Pad						
Prickly Pear #12-23D-12-15 - OH - Plan #1	233.38	233.38	32.10	31.28	38.943	CC, ES
Prickly Pear #12-23D-12-15 - OH - Plan #1	400.00	398.12	38.37	36.82	24.796	SF
Prickly Pear 11-23D-12-15 - OH - Plan #1	300.00	300.00	15.61	14.48	13.887	CC, ES
Prickly Pear 11-23D-12-15 - OH - Plan #1	400.00	399.52	19.32	17.78	12.525	SF
Prickly Pear 14-23D-12-15 - OH - Plan #1	309.11	309.15	7.99	6.84	6.942	CC, ES
Prickly Pear 14-23D-12-15 - OH - Plan #1	400.00	400.00	10.15	8.63	6.679	SF
Prickly Pear 5-23D-12-15 - OH - Plan #1	300.00	300.00	39.88	38.76	35.488	CC, ES
Prickly Pear 5-23D-12-15 - OH - Plan #1	400.00	397.76	44.94	43.40	29.078	SF
Prickly Pear 6-23D-12-15 - OH - Plan #1	233.45	233.45	23.91	23.09	28.999	CC, ES
Prickly Pear 6-23D-12-15 - OH - Plan #1	400.00	397.33	32.88	31.33	21.248	SF

<b>Offset Design</b>	Prickly Pear 23D Pad - Prickly Pear #12-23D-12-15 - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	0-MWD SDI												<b>Offset Well Error:</b>	0.00 ft
<b>Reference</b>	<b>Offset</b>	<b>Semi Major Axis</b>		<b>Distance</b>		<b>Minimum Separation</b>		<b>Separation Factor</b>	<b>Warning</b>					
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Reference (ft)</b>	<b>Offset (ft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>		
0.00	0.00	0.00	0.00	0.00	0.00	12.65	31.32	7.03	32.10					
100.00	100.00	100.00	100.00	0.11	0.11	12.65	31.32	7.03	32.10	31.88	0.22	142.828		
200.00	200.00	200.00	200.00	0.34	0.34	12.65	31.32	7.03	32.10	31.43	0.67	47.609		
233.38	233.38	233.38	233.38	0.41	0.41	12.65	31.32	7.03	32.10	31.28	0.82	38.943	CC, ES	
300.00	300.00	299.47	299.47	0.56	0.56	12.40	31.75	6.98	32.51	31.39	1.12	28.957		
400.00	399.95	398.12	398.06	0.76	0.78	-171.86	35.13	6.58	38.37	36.82	1.55	24.796	SF	
500.00	499.63	495.54	495.24	0.97	1.01	-175.13	41.77	5.79	52.77	50.80	1.96	26.873		
600.00	598.77	590.76	589.95	1.23	1.26	-177.69	51.42	4.64	75.64	73.25	2.39	31.674		
700.00	697.30	683.24	681.59	1.56	1.53	-179.40	63.79	3.17	105.63	102.81	2.82	37.425		
800.00	795.78	774.88	771.97	1.91	1.83	-179.46	78.82	1.38	138.84	135.57	3.27	42.429		
900.00	894.26	868.89	864.56	2.28	2.16	-178.70	94.99	-0.54	172.85	169.12	3.73	46.350		
1,000.00	992.52	962.51	956.76	2.68	2.50	-178.18	111.09	-2.46	207.97	203.80	4.17	49.825		
1,100.00	1,089.75	1,054.27	1,047.13	3.14	2.83	-177.82	126.88	-4.33	247.68	243.07	4.60	53.786		
1,200.00	1,185.62	1,143.82	1,135.34	3.68	3.17	-177.58	142.28	-6.17	292.13	287.11	5.03	58.105		
1,300.00	1,279.87	1,230.94	1,221.13	4.30	3.49	-177.42	157.26	-7.95	341.21	335.77	5.44	62.699		
1,400.00	1,372.25	1,315.37	1,304.29	5.01	3.81	-177.31	171.79	-9.67	394.78	388.93	5.85	67.508		
1,500.00	1,462.50	1,396.88	1,384.57	5.80	4.12	-177.23	185.81	-11.34	452.69	446.44	6.25	72.485		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design Prickly Pear 23D Pad - Prickly Pear #12-23D-12-15 - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD SDI													Offset Well Error: 0.00 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
1,600.00	1,550.37	1,475.26	1,461.76	6.68	4.42	177.17	199.29	-12.94	514.77	508.14	6.64	77.539		
1,700.00	1,637.06	1,552.10	1,537.44	7.60	4.71	177.22	212.50	-14.52	578.77	571.60	7.17	80.713		
1,800.00	1,723.75	1,628.94	1,613.12	8.54	5.00	177.26	225.72	-16.09	642.76	635.05	7.71	83.367		
1,900.00	1,810.44	1,705.79	1,688.80	9.47	5.29	177.30	238.94	-17.66	706.75	698.49	8.26	85.612		
2,000.00	1,897.13	1,782.63	1,764.49	10.42	5.59	177.33	252.16	-19.23	770.74	761.94	8.81	87.531		
2,100.00	1,983.82	1,859.47	1,840.17	11.37	5.88	177.35	265.37	-20.80	834.73	825.37	9.36	89.187		
2,200.00	2,070.51	1,936.32	1,915.85	12.32	6.18	177.38	278.59	-22.37	898.73	888.81	9.92	90.631		
2,300.00	2,157.20	2,013.16	1,991.53	13.27	6.47	177.40	291.81	-23.95	962.72	952.24	10.48	91.898		
2,400.00	2,243.89	2,090.00	2,067.21	14.22	6.77	177.41	305.03	-25.52	1,026.71	1,015.67	11.04	93.019		
2,500.00	2,330.58	2,166.85	2,142.90	15.17	7.06	177.43	318.24	-27.09	1,090.70	1,079.10	11.60	94.015		
2,600.00	2,417.27	2,243.69	2,218.58	16.13	7.36	177.44	331.46	-28.66	1,154.70	1,142.53	12.17	94.906		
2,700.00	2,503.96	2,320.53	2,294.26	17.09	7.65	177.45	344.68	-30.23	1,218.69	1,205.96	12.73	95.709		
2,800.00	2,590.65	2,397.38	2,369.94	18.04	7.95	177.46	357.90	-31.80	1,282.68	1,269.38	13.30	96.434		
2,900.00	2,677.34	2,474.22	2,445.62	19.00	8.25	177.47	371.11	-33.38	1,346.67	1,332.80	13.87	97.091		
3,000.00	2,764.03	2,551.07	2,521.31	19.96	8.54	177.48	384.33	-34.95	1,410.67	1,396.23	14.44	97.690		
3,100.00	2,850.72	2,627.91	2,596.99	20.92	8.84	177.49	397.55	-36.52	1,474.66	1,459.65	15.01	98.238		
3,200.00	2,937.41	2,704.75	2,672.67	21.88	9.14	177.49	410.76	-38.09	1,538.65	1,523.07	15.58	98.741		
3,300.00	3,024.10	2,781.60	2,748.35	22.84	9.43	177.50	423.98	-39.66	1,602.64	1,586.49	16.16	99.203		
3,400.00	3,110.78	2,858.44	2,824.03	23.80	9.73	177.51	437.20	-41.23	1,666.64	1,649.91	16.73	99.630		
3,500.00	3,197.47	2,935.28	2,899.72	24.76	10.02	177.51	450.42	-42.80	1,730.63	1,713.33	17.30	100.025		
3,600.00	3,284.16	3,012.13	2,975.40	25.72	10.32	177.52	463.63	-44.38	1,794.62	1,776.75	17.88	100.391		
3,700.00	3,370.85	3,088.97	3,051.08	26.68	10.62	177.52	476.85	-45.95	1,858.61	1,840.16	18.45	100.731		
3,800.00	3,457.54	3,165.81	3,126.76	27.64	10.92	177.53	490.07	-47.52	1,922.61	1,903.58	19.03	101.048		
3,900.00	3,544.23	3,242.66	3,202.44	28.60	11.21	177.53	503.29	-49.09	1,986.60	1,967.00	19.60	101.343		
4,000.00	3,630.92	3,319.50	3,278.13	29.57	11.51	177.53	516.50	-50.66	2,050.59	2,030.41	20.18	101.620		
4,100.00	3,717.61	3,396.34	3,353.81	30.53	11.81	177.54	529.72	-52.23	2,114.58	2,093.83	20.76	101.879		
4,200.00	3,804.30	3,473.19	3,429.49	31.49	12.10	177.54	542.94	-53.81	2,178.58	2,157.24	21.33	102.121		

**SDI**  
Anticollision Report



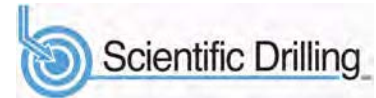
<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design Prickly Pear 23D Pad - Prickly Pear 11-23D-12-15 - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD SDI													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	11.43	15.30	3.09	15.61	15.61	0.00	N/A		
100.00	100.00	100.00	100.00	0.11	0.11	11.43	15.30	3.09	15.61	15.38	0.22	69.434		
200.00	200.00	200.00	200.00	0.34	0.34	11.43	15.30	3.09	15.61	14.93	0.67	23.145		
300.00	300.00	300.00	300.00	0.56	0.56	11.43	15.30	3.09	15.61	14.48	1.12	13.887 CC, ES		
400.00	399.95	399.52	399.50	0.76	0.78	-167.79	16.12	4.61	19.32	17.78	1.54	12.525 SF		
500.00	499.63	498.26	498.10	0.97	1.00	-163.67	18.57	9.12	30.57	28.61	1.96	15.630		
600.00	598.77	595.45	594.92	1.23	1.24	-160.92	22.56	16.47	49.33	46.94	2.39	20.600		
700.00	697.30	690.66	689.45	1.56	1.50	-159.15	27.99	26.46	74.40	71.53	2.87	25.954		
800.00	795.78	784.39	782.09	1.91	1.79	-157.26	34.79	39.00	102.26	98.89	3.37	30.342		
900.00	894.26	879.41	875.67	2.28	2.12	-155.60	42.64	53.46	131.84	127.94	3.90	33.810		
1,000.00	992.52	974.55	969.37	2.68	2.46	-154.44	50.53	67.98	162.52	158.10	4.43	36.711		
1,100.00	1,089.75	1,068.25	1,061.64	3.14	2.80	-154.02	58.29	82.28	197.43	192.47	4.96	39.823		
1,200.00	1,185.62	1,154.64	1,146.58	3.68	3.14	-153.94	65.82	96.14	237.42	231.93	5.49	43.234		
1,300.00	1,279.87	1,233.98	1,223.93	4.30	3.49	-153.60	74.22	111.62	284.59	278.55	6.04	47.122		
1,400.00	1,372.25	1,308.29	1,295.65	5.01	3.85	-153.04	83.48	128.66	338.63	332.02	6.61	51.234		
1,500.00	1,462.50	1,377.25	1,361.50	5.80	4.23	-152.31	93.25	146.67	398.98	391.78	7.21	55.360		
1,600.00	1,550.37	1,440.70	1,421.39	6.68	4.62	-151.45	103.24	165.07	465.10	457.26	7.83	59.382		
1,700.00	1,637.06	1,500.00	1,476.71	7.60	5.01	-151.67	113.43	183.84	534.70	526.14	8.56	62.492		
1,800.00	1,723.75	1,568.28	1,539.88	8.54	5.49	-151.76	125.79	206.60	605.47	596.14	9.34	64.829		
1,900.00	1,810.44	1,638.89	1,605.21	9.47	6.00	-151.83	138.59	230.17	676.28	666.14	10.14	66.710		
2,000.00	1,897.13	1,709.51	1,670.53	10.42	6.51	-151.89	151.38	253.74	747.08	736.14	10.94	68.266		
2,100.00	1,983.82	1,780.12	1,735.86	11.37	7.02	-151.94	164.18	277.31	817.89	806.13	11.76	69.554		
2,200.00	2,070.51	1,850.74	1,801.18	12.32	7.54	-151.98	176.98	300.87	888.69	876.11	12.58	70.642		
2,300.00	2,157.20	1,921.35	1,866.50	13.27	8.07	-152.01	189.77	324.44	959.50	946.09	13.41	71.572		
2,400.00	2,243.89	1,991.96	1,931.83	14.22	8.59	-152.04	202.57	348.01	1,030.31	1,016.07	14.24	72.372		
2,500.00	2,330.58	2,062.58	1,997.15	15.17	9.12	-152.07	215.36	371.58	1,101.11	1,086.04	15.07	73.063		
2,600.00	2,417.27	2,133.19	2,062.48	16.13	9.65	-152.09	228.16	395.15	1,171.92	1,156.01	15.91	73.670		
2,700.00	2,503.96	2,203.81	2,127.80	17.09	10.18	-152.11	240.96	418.71	1,242.72	1,225.98	16.75	74.205		
2,800.00	2,590.65	2,274.42	2,193.12	18.04	10.71	-152.13	253.75	442.28	1,313.53	1,295.94	17.59	74.676		
2,900.00	2,677.34	2,345.04	2,258.45	19.00	11.25	-152.15	266.55	465.85	1,384.34	1,365.90	18.43	75.098		
3,000.00	2,764.03	2,415.65	2,323.77	19.96	11.78	-152.16	279.34	489.42	1,455.14	1,435.86	19.28	75.476		
3,100.00	2,850.72	2,486.27	2,389.10	20.92	12.31	-152.17	292.14	512.99	1,525.95	1,505.82	20.13	75.816		
3,200.00	2,937.41	2,556.88	2,454.42	21.88	12.85	-152.19	304.93	536.55	1,596.76	1,575.78	20.98	76.123		
3,300.00	3,024.10	2,627.49	2,519.74	22.84	13.39	-152.20	317.73	560.12	1,667.56	1,645.74	21.83	76.402		
3,400.00	3,110.78	2,698.11	2,585.07	23.80	13.92	-152.21	330.53	583.69	1,738.37	1,715.69	22.68	76.657		
3,500.00	3,197.47	2,768.72	2,650.39	24.76	14.46	-152.22	343.32	607.26	1,809.18	1,785.65	23.53	76.889		
3,600.00	3,284.16	2,839.34	2,715.72	25.72	15.00	-152.22	356.12	630.82	1,879.98	1,855.60	24.38	77.103		
3,700.00	3,370.85	2,909.95	2,781.04	26.68	15.54	-152.23	368.91	654.39	1,950.79	1,925.55	25.24	77.299		
3,800.00	3,457.54	2,980.57	2,846.36	27.64	16.07	-152.24	381.71	677.96	2,021.59	1,995.50	26.09	77.480		
3,900.00	3,544.23	3,051.18	2,911.69	28.60	16.61	-152.25	394.50	701.53	2,092.40	2,065.45	26.95	77.648		
4,000.00	3,630.92	3,121.80	2,977.01	29.57	17.15	-152.25	407.30	725.10	2,163.21	2,135.40	27.80	77.804		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design Prickly Pear 23D Pad - Prickly Pear 14-23D-12-15 - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD SDI													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	9.75	8.01	1.38	8.13	8.13	0.00	N/A		
100.00	100.00	100.00	100.00	0.11	0.11	9.75	8.01	1.38	8.13	7.91	0.22	36.173		
200.00	200.00	200.00	200.00	0.34	0.34	9.75	8.01	1.38	8.13	7.46	0.67	12.058		
300.00	300.00	300.04	300.03	0.56	0.55	12.73	7.81	1.77	8.01	6.90	1.11	7.189		
309.11	309.11	309.15	309.15	0.58	0.57	-167.99	7.74	1.92	7.99	6.84	1.15	6.942 CC, ES		
400.00	399.95	400.00	399.93	0.76	0.76	-152.58	6.23	4.88	10.15	8.63	1.52	6.679 SF		
500.00	499.63	499.60	499.28	0.97	0.99	-141.56	3.08	11.06	17.71	15.76	1.95	9.098		
600.00	598.77	598.55	597.69	1.23	1.25	-137.50	-1.59	20.25	30.39	27.95	2.44	12.462		
700.00	697.30	696.72	694.92	1.56	1.54	-135.34	-7.75	32.36	47.10	44.09	3.01	15.645		
800.00	795.78	794.70	791.49	1.91	1.88	-132.02	-15.25	47.08	65.13	61.47	3.66	17.817		
900.00	894.26	892.97	888.26	2.28	2.24	-129.82	-22.98	62.29	83.48	79.15	4.33	19.273		
1,000.00	992.52	991.10	984.90	2.68	2.61	-128.62	-30.71	77.48	102.62	97.59	5.02	20.433		
1,100.00	1,089.75	1,088.57	1,080.89	3.14	2.99	-129.31	-38.39	92.56	124.81	119.06	5.75	21.724		
1,200.00	1,185.62	1,182.60	1,173.16	3.68	3.38	-130.39	-46.59	108.68	151.06	144.54	6.52	23.154		
1,300.00	1,279.87	1,274.52	1,262.39	4.30	3.82	-130.72	-56.57	128.30	182.42	175.01	7.40	24.640		
1,400.00	1,372.25	1,364.31	1,348.44	5.01	4.33	-130.53	-68.19	151.13	218.65	210.26	8.39	26.061		
1,500.00	1,462.50	1,451.70	1,430.95	5.80	4.88	-129.98	-81.25	176.80	259.57	250.08	9.48	27.368		
1,600.00	1,550.37	1,537.67	1,510.79	6.68	5.49	-129.26	-95.69	205.19	304.89	294.21	10.68	28.550		
1,700.00	1,637.06	1,625.85	1,592.29	7.60	6.15	-129.74	-110.96	235.21	351.98	339.98	12.00	29.333		
1,800.00	1,723.75	1,714.03	1,673.79	8.54	6.82	-130.10	-126.23	265.22	399.09	385.75	13.34	29.923		
1,900.00	1,810.44	1,802.22	1,755.29	9.47	7.49	-130.39	-141.50	295.23	446.21	431.52	14.69	30.378		
2,000.00	1,897.13	1,890.40	1,836.79	10.42	8.17	-130.62	-156.77	325.25	493.33	477.28	16.05	30.738		
2,100.00	1,983.82	1,978.59	1,918.29	11.37	8.86	-130.81	-172.04	355.26	540.46	523.05	17.42	31.028		
2,200.00	2,070.51	2,066.77	1,999.79	12.32	9.55	-130.97	-187.31	385.27	587.60	568.81	18.79	31.267		
2,300.00	2,157.20	2,154.95	2,081.29	13.27	10.24	-131.11	-202.58	415.29	634.74	614.56	20.17	31.466		
2,400.00	2,243.89	2,243.14	2,162.79	14.22	10.93	-131.23	-217.85	445.30	681.88	660.32	21.56	31.634		
2,500.00	2,330.58	2,331.32	2,244.29	15.17	11.62	-131.33	-233.12	475.32	729.02	706.08	22.94	31.778		
2,600.00	2,417.27	2,419.50	2,325.79	16.13	12.32	-131.42	-248.39	505.33	776.16	751.83	24.33	31.902		
2,700.00	2,503.96	2,507.69	2,407.29	17.09	13.02	-131.50	-263.66	535.34	823.31	797.59	25.72	32.009		
2,800.00	2,590.65	2,595.87	2,488.79	18.04	13.71	-131.57	-278.93	565.36	870.46	843.34	27.11	32.104		
2,900.00	2,677.34	2,684.05	2,570.29	19.00	14.41	-131.63	-294.20	595.37	917.60	889.09	28.51	32.187		
3,000.00	2,764.03	2,772.24	2,651.80	19.96	15.11	-131.69	-309.47	625.39	964.75	934.85	29.90	32.262		
3,100.00	2,850.72	2,860.42	2,733.30	20.92	15.81	-131.74	-324.74	655.40	1,011.90	980.60	31.30	32.328		
3,200.00	2,937.41	2,948.61	2,814.80	21.88	16.51	-131.79	-340.01	685.41	1,059.05	1,026.35	32.70	32.388		
3,300.00	3,024.10	3,036.79	2,896.30	22.84	17.21	-131.84	-355.28	715.43	1,106.20	1,072.10	34.10	32.442		
3,400.00	3,110.78	3,124.97	2,977.80	23.80	17.91	-131.88	-370.55	745.44	1,153.35	1,117.85	35.50	32.491		
3,500.00	3,197.47	3,213.16	3,059.30	24.76	18.61	-131.91	-385.82	775.45	1,200.50	1,163.60	36.90	32.536		
3,600.00	3,284.16	3,301.34	3,140.80	25.72	19.32	-131.95	-401.09	805.47	1,247.65	1,209.35	38.30	32.577		
3,700.00	3,370.85	3,389.52	3,222.30	26.68	20.02	-131.98	-416.36	835.48	1,294.80	1,255.10	39.70	32.614		
3,800.00	3,457.54	3,477.71	3,303.80	27.64	20.72	-132.01	-431.63	865.50	1,341.95	1,300.85	41.10	32.648		
3,900.00	3,544.23	3,565.89	3,385.30	28.60	21.42	-132.03	-446.90	895.51	1,389.11	1,346.60	42.51	32.680		
4,000.00	3,630.92	3,654.08	3,466.80	29.57	22.13	-132.06	-462.17	925.52	1,436.26	1,392.35	43.91	32.710		
4,100.00	3,717.61	3,742.26	3,548.30	30.53	22.83	-132.08	-477.44	955.54	1,483.41	1,438.10	45.31	32.737		
4,200.00	3,804.30	3,830.44	3,629.80	31.49	23.53	-132.11	-492.71	985.55	1,530.56	1,483.85	46.72	32.763		
4,300.00	3,890.99	3,918.63	3,711.30	32.45	24.24	-132.13	-507.98	1,015.57	1,577.72	1,529.59	48.12	32.786		
4,400.00	3,977.68	4,006.81	3,792.81	33.41	24.94	-132.17	-523.25	1,045.58	1,624.87	1,575.34	49.53	32.807		
4,500.00	4,065.68	4,095.82	3,875.07	34.08	25.65	-133.24	-538.66	1,075.88	1,670.39	1,619.41	50.97	32.769		
4,600.00	4,156.05	4,194.41	3,966.29	34.69	26.40	-134.04	-555.61	1,109.19	1,712.63	1,660.18	52.45	32.653		
4,700.00	4,248.54	4,314.27	4,078.88	35.25	27.08	-134.67	-574.24	1,145.81	1,750.47	1,696.65	53.82	32.526		
4,800.00	4,342.88	4,437.71	4,196.91	35.75	27.68	-135.22	-590.61	1,177.99	1,783.36	1,728.33	55.03	32.408		
4,900.00	4,438.83	4,564.28	4,319.76	36.18	28.20	-135.69	-604.38	1,205.05	1,811.13	1,755.07	56.07	32.304		
5,000.00	4,536.12	4,693.45	4,446.67	36.55	28.62	-136.11	-615.24	1,226.40	1,833.62	1,776.71	56.91	32.218		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

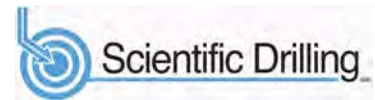
**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design Prickly Pear 23D Pad - Prickly Pear 14-23D-12-15 - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD SDI													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,634.49	4,824.60	4,576.71	36.84	28.93	-136.47	-622.93	1,241.51	1,850.68	1,793.14	57.54	32.163		
5,200.00	4,733.66	4,957.05	4,708.80	37.07	29.14	-136.79	-627.26	1,250.03	1,862.23	1,804.27	57.96	32.130		
5,300.00	4,833.36	5,081.64	4,833.36	37.22	29.26	-137.05	-628.24	1,251.94	1,868.26	1,810.09	58.18	32.114		
5,400.00	4,933.32	5,181.61	4,933.32	37.31	29.33	44.77	-628.24	1,251.94	1,869.98	1,811.70	58.28	32.087		
5,500.00	5,033.32	5,281.61	5,033.32	37.36	29.41	44.77	-628.24	1,251.94	1,869.98	1,811.56	58.42	32.009		
5,600.00	5,133.32	5,381.61	5,133.32	37.41	29.49	44.77	-628.24	1,251.94	1,869.98	1,811.42	58.56	31.930		
5,700.00	5,233.32	5,481.61	5,233.32	37.46	29.56	44.77	-628.24	1,251.94	1,869.98	1,811.27	58.71	31.850		
5,800.00	5,333.32	5,581.61	5,333.32	37.51	29.64	44.77	-628.24	1,251.94	1,869.98	1,811.12	58.86	31.768		
5,900.00	5,433.32	5,681.61	5,433.32	37.56	29.72	44.77	-628.24	1,251.94	1,869.98	1,810.97	59.02	31.685		
6,000.00	5,533.32	5,781.61	5,533.32	37.62	29.81	44.77	-628.24	1,251.94	1,869.98	1,810.81	59.17	31.601		
6,100.00	5,633.32	5,881.61	5,633.32	37.67	29.89	44.77	-628.24	1,251.94	1,869.98	1,810.65	59.34	31.516		
6,200.00	5,733.32	5,981.61	5,733.32	37.73	29.98	44.77	-628.24	1,251.94	1,869.98	1,810.48	59.50	31.429		
6,300.00	5,833.32	6,081.61	5,833.32	37.79	30.06	44.77	-628.24	1,251.94	1,869.98	1,810.32	59.66	31.342		
6,400.00	5,933.32	6,181.61	5,933.32	37.85	30.15	44.77	-628.24	1,251.94	1,869.98	1,810.15	59.83	31.253		
6,500.00	6,033.32	6,281.61	6,033.32	37.91	30.24	44.77	-628.24	1,251.94	1,869.98	1,809.98	60.01	31.163		
6,600.00	6,133.32	6,381.61	6,133.32	37.97	30.33	44.77	-628.24	1,251.94	1,869.98	1,809.80	60.18	31.072		
6,700.00	6,233.32	6,481.61	6,233.32	38.03	30.42	44.77	-628.24	1,251.94	1,869.98	1,809.62	60.36	30.980		
6,800.00	6,333.32	6,581.61	6,333.32	38.10	30.52	44.77	-628.24	1,251.94	1,869.98	1,809.44	60.54	30.888		
6,900.00	6,433.32	6,681.61	6,433.32	38.16	30.61	44.77	-628.24	1,251.94	1,869.98	1,809.26	60.73	30.794		
7,000.00	6,533.32	6,781.61	6,533.32	38.23	30.71	44.77	-628.24	1,251.94	1,869.98	1,809.07	60.91	30.700		
7,100.00	6,633.32	6,881.61	6,633.32	38.30	30.81	44.77	-628.24	1,251.94	1,869.98	1,808.88	61.10	30.604		
7,200.00	6,733.32	6,981.61	6,733.32	38.37	30.91	44.77	-628.24	1,251.94	1,869.98	1,808.69	61.29	30.508		
7,300.00	6,833.32	7,081.61	6,833.32	38.44	31.01	44.77	-628.24	1,251.94	1,869.98	1,808.49	61.49	30.411		
7,400.00	6,933.32	7,181.61	6,933.32	38.51	31.11	44.77	-628.24	1,251.94	1,869.98	1,808.30	61.69	30.314		
7,500.00	7,033.32	7,281.61	7,033.32	38.58	31.21	44.77	-628.24	1,251.94	1,869.98	1,808.09	61.89	30.215		
7,600.00	7,133.32	7,381.61	7,133.32	38.66	31.32	44.77	-628.24	1,251.94	1,869.98	1,807.89	62.09	30.116		
7,700.00	7,233.32	7,481.61	7,233.32	38.73	31.42	44.77	-628.24	1,251.94	1,869.98	1,807.68	62.30	30.017		
7,766.56	7,299.88	7,548.17	7,299.88	38.78	31.49	44.77	-628.24	1,251.94	1,869.98	1,807.55	62.44	29.950		
7,800.00	7,333.32	7,581.29	7,333.00	38.81	31.53	44.77	-628.24	1,251.94	1,869.98	1,807.48	62.51	29.917		
7,834.68	7,368.00	7,581.29	7,333.00	38.83	31.53	44.77	-628.24	1,251.94	1,870.31	1,807.77	62.54	29.905		

**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design												Offset Site Error:	0.00 ft
Survey Program: 0-MWD SDI												Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	13.05	38.85	9.00	39.88				
100.00	100.00	100.00	100.00	0.11	0.11	13.05	38.85	9.00	39.88	39.66	0.22	177.441	
200.00	200.00	200.00	200.00	0.34	0.34	13.05	38.85	9.00	39.88	39.21	0.67	59.147	
300.00	300.00	300.00	300.00	0.56	0.56	13.05	38.85	9.00	39.88	38.76	1.12	35.488 CC, ES	
400.00	399.95	397.76	397.71	0.76	0.78	-170.26	41.35	8.94	44.94	43.40	1.55	29.078 SF	
500.00	499.63	493.97	493.63	0.97	1.01	-173.04	48.69	8.76	60.14	58.18	1.96	30.669	
600.00	598.77	587.18	586.10	1.23	1.26	-175.45	60.40	8.46	85.35	82.97	2.38	35.787	
700.00	697.30	679.21	676.82	1.56	1.55	-177.14	75.82	8.07	118.55	115.73	2.82	42.013	
800.00	795.78	773.18	769.37	1.91	1.87	-178.16	92.14	7.66	152.67	149.40	3.27	46.677	
900.00	894.26	867.16	861.92	2.28	2.21	-178.81	108.45	7.25	186.81	183.08	3.73	50.150	
1,000.00	992.52	957.87	951.23	2.68	2.54	-179.24	124.35	6.85	222.23	218.07	4.16	53.384	
1,100.00	1,089.75	1,037.98	1,029.60	3.14	2.88	-179.57	140.92	6.44	265.14	260.57	4.57	57.985	
1,200.00	1,185.62	1,112.59	1,101.90	3.68	3.22	-179.85	159.29	5.98	316.25	311.28	4.97	63.639	
1,300.00	1,279.87	1,181.20	1,167.72	4.30	3.58	179.91	178.66	5.49	374.86	369.51	5.35	70.043	
1,400.00	1,372.25	1,243.55	1,226.88	5.01	3.94	179.72	198.30	5.00	440.26	434.55	5.72	76.999	
1,500.00	1,462.50	1,300.00	1,279.87	5.80	4.28	179.54	217.74	4.51	511.73	505.67	6.07	84.342	
1,600.00	1,550.37	1,349.24	1,325.61	6.68	4.61	179.40	235.97	4.05	588.56	582.16	6.41	91.888	
1,700.00	1,637.06	1,400.00	1,372.25	7.60	4.96	179.29	256.00	3.55	668.49	661.61	6.88	97.116	
1,800.00	1,723.75	1,437.02	1,405.92	8.54	5.25	179.22	271.37	3.16	749.72	742.38	7.34	102.109	
1,900.00	1,810.44	1,476.99	1,441.94	9.47	5.56	179.15	288.71	2.72	832.22	824.41	7.81	106.534	
2,000.00	1,897.13	1,514.62	1,475.50	10.42	5.86	179.09	305.71	2.30	915.85	907.56	8.28	110.601	
2,100.00	1,983.82	1,550.08	1,506.82	11.37	6.16	179.04	322.34	1.88	1,000.51	991.76	8.75	114.361	
2,200.00	2,070.51	1,586.24	1,538.44	12.32	6.47	178.98	339.88	1.44	1,086.10	1,076.88	9.22	117.792	
2,300.00	2,157.20	1,637.39	1,583.02	13.27	6.93	178.92	364.95	0.81	1,172.03	1,162.30	9.72	120.550	
2,400.00	2,243.89	1,688.55	1,627.60	14.22	7.38	178.86	390.02	0.18	1,257.95	1,247.73	10.22	123.047	
2,500.00	2,330.58	1,739.70	1,672.18	15.17	7.84	178.81	415.10	-0.45	1,343.88	1,333.15	10.73	125.265	
2,600.00	2,417.27	1,790.85	1,716.77	16.13	8.31	178.77	440.17	-1.08	1,429.80	1,418.57	11.23	127.271	
2,700.00	2,503.96	1,842.01	1,761.35	17.09	8.77	178.73	465.24	-1.71	1,515.72	1,503.98	11.74	129.069	
2,800.00	2,590.65	1,893.16	1,805.93	18.04	9.24	178.70	490.32	-2.34	1,601.65	1,589.40	12.25	130.709	
2,900.00	2,677.34	1,944.31	1,850.51	19.00	9.71	178.67	515.39	-2.97	1,687.58	1,674.81	12.77	132.190	
3,000.00	2,764.03	1,995.47	1,895.10	19.96	10.17	178.64	540.46	-3.60	1,773.50	1,760.22	13.28	133.552	
3,100.00	2,850.72	2,046.62	1,939.68	20.92	10.64	178.61	565.54	-4.23	1,859.43	1,845.63	13.80	134.789	
3,200.00	2,937.41	2,097.77	1,984.26	21.88	11.11	178.59	590.61	-4.86	1,945.35	1,931.04	14.31	135.935	
3,300.00	3,024.10	2,148.93	2,028.84	22.84	11.59	178.57	615.68	-5.49	2,031.28	2,016.45	14.83	136.982	
3,400.00	3,110.78	2,200.08	2,073.43	23.80	12.06	178.55	640.76	-6.12	2,117.20	2,101.86	15.35	137.958	
3,500.00	3,197.47	2,251.23	2,118.01	24.76	12.53	178.53	665.83	-6.75	2,203.13	2,187.26	15.87	138.853	

**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design Prickly Pear 23D Pad - Prickly Pear 6-23D-12-15 - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD SDI													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	12.91	23.31	5.34	23.91					
100.00	100.00	100.00	100.00	0.11	0.11	12.91	23.31	5.34	23.91	23.69	0.22	106.398		
200.00	200.00	200.00	200.00	0.34	0.34	12.91	23.31	5.34	23.91	23.24	0.67	35.466		
233.45	233.45	233.45	233.45	0.41	0.41	12.91	23.31	5.34	23.91	23.09	0.82	28.999 CC, ES		
300.00	300.00	299.31	299.30	0.56	0.56	13.50	23.93	5.75	24.62	23.50	1.12	21.953		
400.00	399.95	397.33	397.13	0.76	0.78	-165.81	28.87	8.95	32.88	31.33	1.55	21.248 SF		
500.00	499.63	493.13	492.24	0.97	1.04	-163.99	38.43	15.15	51.81	49.84	1.97	26.295		
600.00	598.77	587.52	585.28	1.23	1.34	-163.19	51.72	23.77	80.27	77.86	2.41	33.273		
700.00	697.30	682.01	678.34	1.56	1.67	-163.38	65.49	32.70	112.99	110.12	2.87	39.433		
800.00	795.78	776.41	771.31	1.91	2.02	-163.57	79.24	41.62	145.98	142.64	3.34	43.737		
900.00	894.26	870.82	864.28	2.28	2.37	-163.70	92.99	50.54	178.96	175.15	3.82	46.870		
1,000.00	992.52	955.97	947.86	2.68	2.71	-163.52	106.64	59.40	214.64	210.36	4.28	50.201		
1,100.00	1,089.75	1,034.63	1,024.23	3.14	3.08	-163.17	122.42	69.63	258.98	254.26	4.72	54.861		
1,200.00	1,185.62	1,100.00	1,086.94	3.68	3.41	-162.74	137.87	79.65	311.71	306.57	5.14	60.624		
1,300.00	1,279.87	1,173.96	1,156.95	4.30	3.86	-162.27	157.85	92.61	371.74	366.14	5.60	66.371		
1,400.00	1,372.25	1,234.00	1,212.95	5.01	4.25	-161.68	176.02	104.39	438.60	432.56	6.04	72.674		
1,500.00	1,462.50	1,287.58	1,262.22	5.80	4.63	-160.96	193.68	115.84	511.40	504.93	6.47	79.004		
1,600.00	1,550.37	1,334.84	1,305.09	6.68	5.00	-160.11	210.36	126.67	589.40	582.47	6.93	85.058		
1,700.00	1,637.06	1,377.63	1,343.40	7.60	5.34	-160.42	226.37	137.05	670.41	662.93	7.48	89.624		
1,800.00	1,723.75	1,417.61	1,378.72	8.54	5.68	-160.62	242.07	147.23	752.83	744.79	8.03	93.700		
1,900.00	1,810.44	1,454.99	1,411.33	9.47	6.02	-160.74	257.40	157.18	836.51	827.91	8.59	97.370		
2,000.00	1,897.13	1,500.00	1,450.02	10.42	6.43	-160.84	276.69	169.68	921.41	912.24	9.17	100.515		
2,100.00	1,983.82	1,522.80	1,469.38	11.37	6.65	-160.86	286.80	176.24	1,007.17	997.47	9.70	103.803		
2,200.00	2,070.51	1,562.60	1,502.77	12.32	7.05	-160.88	304.98	188.03	1,094.02	1,083.74	10.28	106.437		
2,300.00	2,157.20	1,596.28	1,530.79	13.27	7.39	-160.88	320.66	198.20	1,181.41	1,170.56	10.84	108.949		
2,400.00	2,243.89	1,644.72	1,571.09	14.22	7.89	-160.88	343.20	212.82	1,268.89	1,257.44	11.44	110.877		
2,500.00	2,330.58	1,693.17	1,611.40	15.17	8.39	-160.88	365.75	227.44	1,356.37	1,344.33	12.04	112.625		
2,600.00	2,417.27	1,741.61	1,651.70	16.13	8.89	-160.89	388.29	242.06	1,443.86	1,431.21	12.65	114.156		
2,700.00	2,503.96	1,790.05	1,692.01	17.09	9.40	-160.89	410.84	256.68	1,531.34	1,518.09	13.25	115.546		
2,800.00	2,590.65	1,838.49	1,732.32	18.04	9.90	-160.89	433.38	271.31	1,618.82	1,604.96	13.86	116.782		
2,900.00	2,677.34	1,886.94	1,772.62	19.00	10.41	-160.89	455.93	285.93	1,706.31	1,691.83	14.47	117.910		
3,000.00	2,764.03	1,935.38	1,812.93	19.96	10.92	-160.89	478.48	300.55	1,793.79	1,778.71	15.08	118.924		
3,100.00	2,850.72	1,983.82	1,853.23	20.92	11.43	-160.89	501.02	315.17	1,881.27	1,865.58	15.70	119.854		
3,200.00	2,937.41	2,032.26	1,893.54	21.88	11.94	-160.89	523.57	329.79	1,968.76	1,952.44	16.31	120.698		
3,300.00	3,024.10	2,080.71	1,933.85	22.84	12.45	-160.89	546.11	344.42	2,056.24	2,039.31	16.93	121.476		
3,400.00	3,110.78	2,129.15	1,974.15	23.80	12.97	-160.89	568.66	359.04	2,143.72	2,126.18	17.54	122.189		

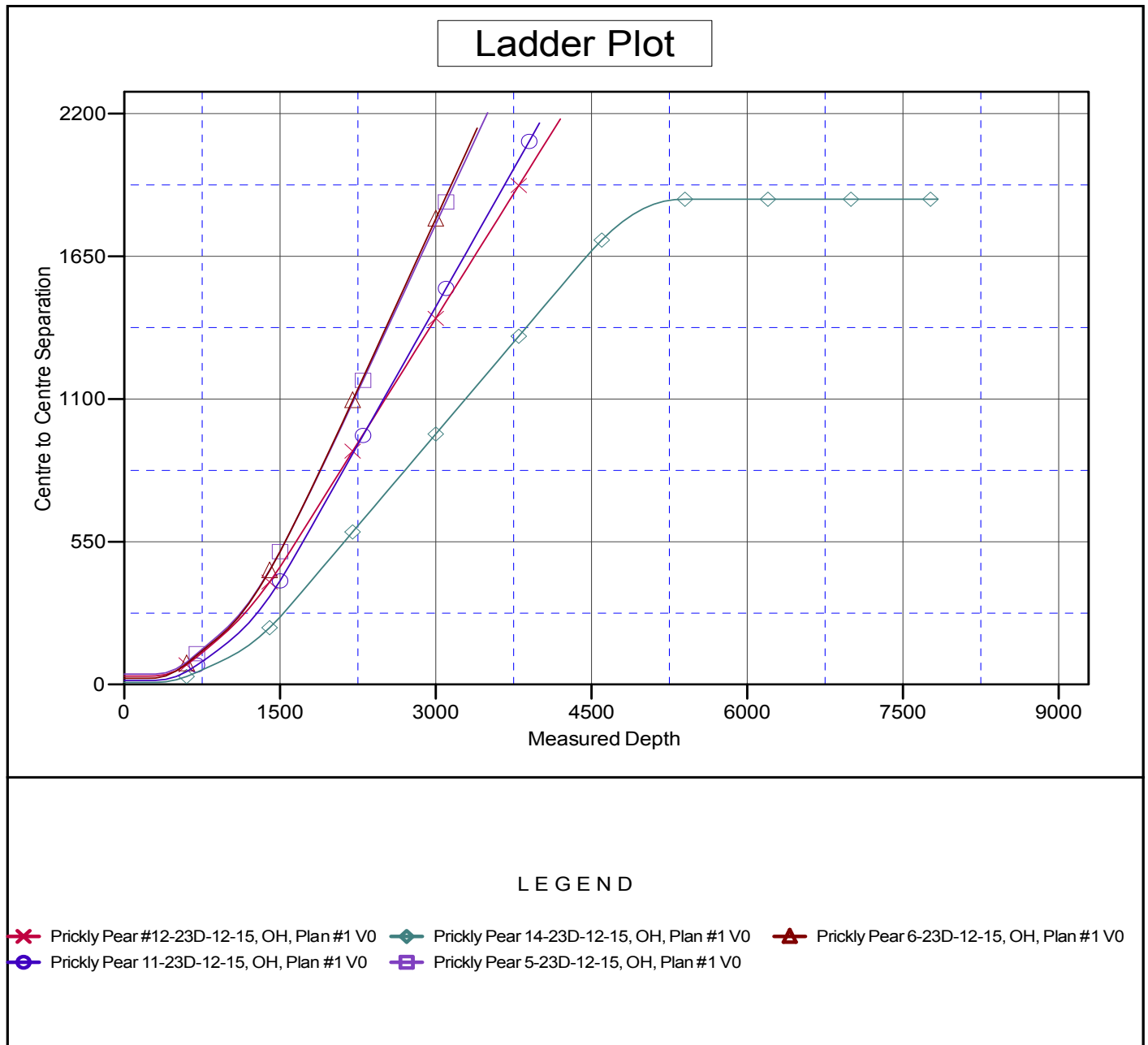
**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to GL @ 7261.50ft (Original Well Elev)  
Offset Depths are relative to Offset Datum  
Central Meridian is -111.5000000

Coordinates are relative to: Prickly Pear 4-26D-12-15 - Slot F  
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
Grid Convergence at Surface is: 0.83°



**SDI**  
Anticollision Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Reference Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Prickly Pear 4-26D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Grand Junction District
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to GL @ 7261.50ft (Original Well Elev)

Offset Depths are relative to Offset Datum

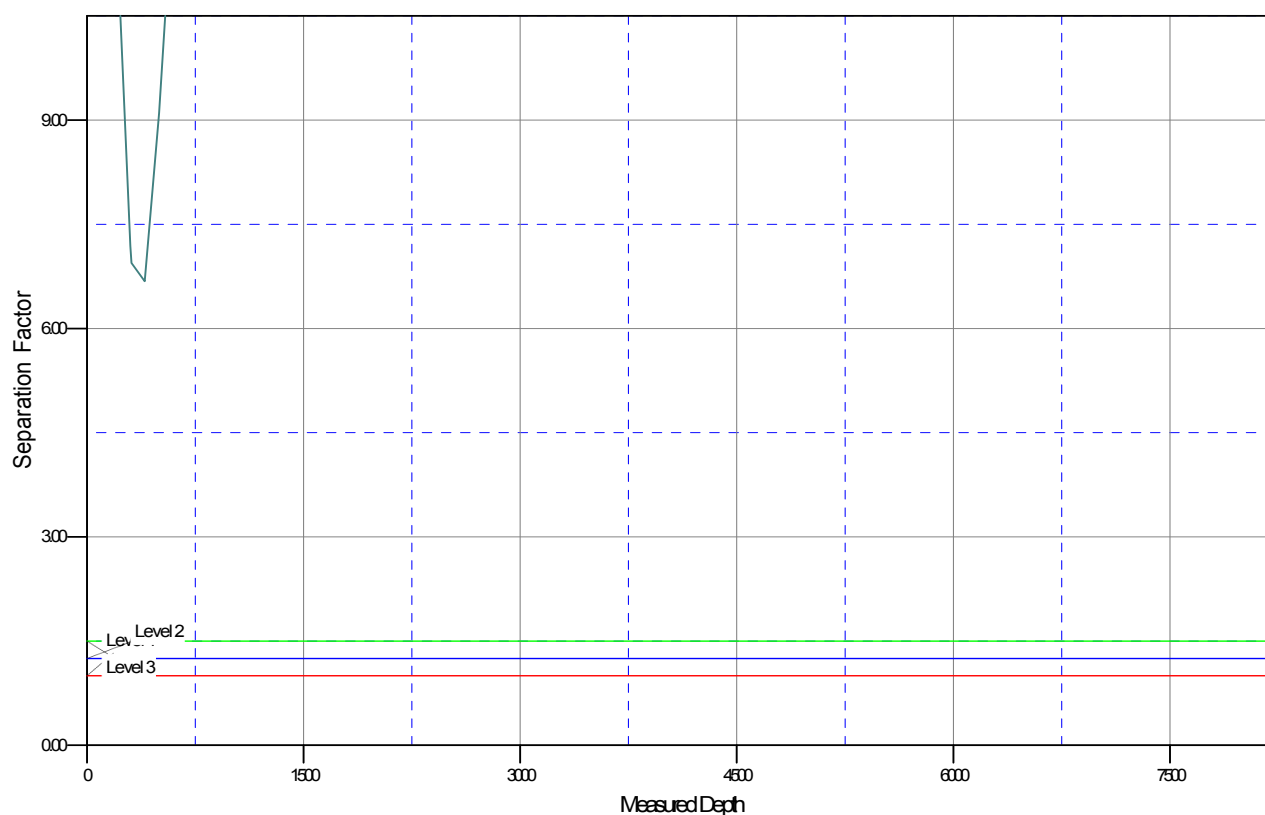
Central Meridian is -111.5000000

Coordinates are relative to: Prickly Pear 4-26D-12-15 - Slot F

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Grid Convergence at Surface is: 0.83°

## Separation Factor Plot



### LEGEND

- ✕ Prickly Pear #12-23D-12-15, OH, Plan #1 V0
 ◆ Prickly Pear 14-23D-12-15, OH, Plan #1 V0
 ▲ Prickly Pear 6-23D-12-15, OH, Plan #1 V0
- ⊖ Prickly Pear 11-23D-12-15, OH, Plan #1 V0
 ⊞ Prickly Pear 5-23D-12-15, OH, Plan #1 V0

# **EnerVest Operating LLC**

**Carbon County, UT NAD27**

**Prickly Pear 23D Pad**

## **Template Slot Report**

**17 December, 2014**





**SDI**  
Template Slot Report



<b>Company:</b>	EnerVest Operating LLC	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear 4-26D-12-15 - Slot F
<b>Project:</b>	Carbon County, UT NAD27	<b>TVD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
<b>Site:</b>	Prickly Pear 23D Pad	<b>MD Reference:</b>	GL @ 7261.50ft (Original Well Elev)
		<b>North Reference:</b>	True
		<b>Section (VS) Reference:</b>	Slot
		<b>Survey Calculation Method:</b>	Minimum Curvature
		<b>Database:</b>	Grand Junction District

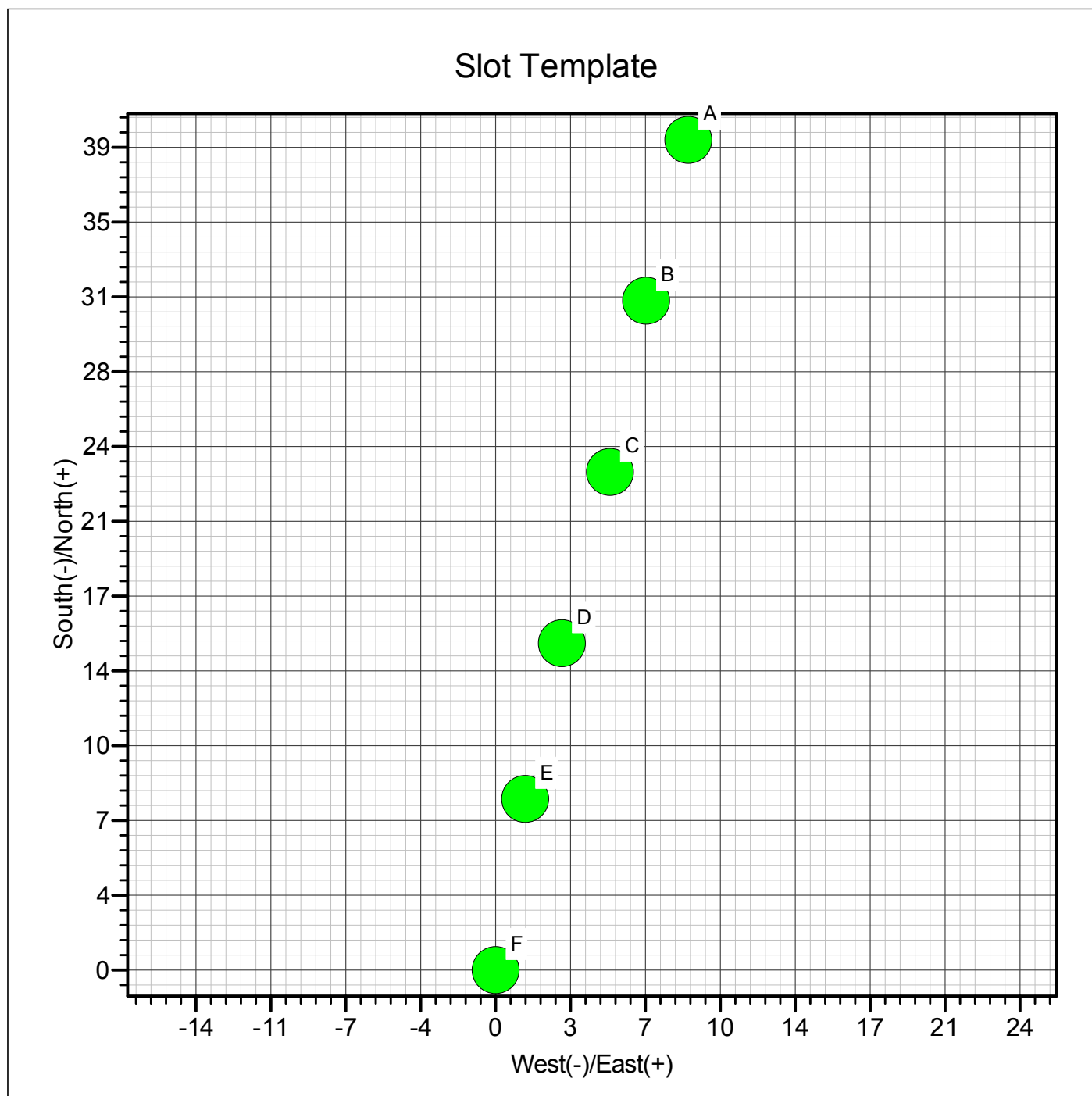
<b>Project</b>	Carbon County, UT NAD27		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>Map Zone:</b>	Utah Central 4302
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)	<b>Coordinate System:</b>	Well Centre
<b>System Datum:</b>	Mean Sea Level	<b>Geomagnetic Model:</b>	BGGM2014

<b>Site</b>	Prickly Pear 23D Pad		
<b>Site Position:</b>		<b>Northing:</b>	520,683.99 usft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,362,529.72 usft
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	13.200 in
		<b>Latitude:</b>	39.7557220
		<b>Longitude:</b>	-110.2104470
		<b>Grid Convergence:</b>	0.83 °

Template Slots						
North (ft)	East (ft)	Slot Name (Well)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
38.85	9.00	A (Prickly Pear 5-23D-12-15)	520,691.52	2,362,531.58	39.7557426	-110.2104400
31.32	7.03	B (Prickly Pear #12-23D-12-15)	520,683.96	2,362,529.72	39.7557220	-110.2104470
23.31	5.34	C (Prickly Pear 6-23D-12-15)	520,675.93	2,362,528.15	39.7557000	-110.2104530
15.30	3.09	D (Prickly Pear 11-23D-12-15)	520,667.88	2,362,526.01	39.7556779	-110.2104610
8.01	1.38	E (Prickly Pear 14-23D-12-15)	520,660.57	2,362,524.40	39.7556580	-110.2104671
0.00	0.00	F (Prickly Pear 4-26D-12-15)	520,652.54	2,362,523.14	39.7556360	-110.2104720

## Slot Layout for Prickly Pear 23D Pad

UTM Coordinates: 520,683.99, 2,362,529.71  
Geographical Coordinates: 39° 45' 20.60" N, 110° 12' 37.61" W



**SURFACE USE PLAN**

EnerVest Operating, LLC

***Prickly Pear Unit Federal 23D Pad***

W/2 SW/4, Section 23, T12S-R15E, SLB&amp;M, Carbon County, Utah

<b><u>Prickly Pear UF 5-23D-12-15</u></b> NWSW, 1376' FSL & 685' FWL, Sec. 23, T12S, R15E (surface) SWNW, 1980' FNL & 660' FWL, Sec. 23, T12S, R15E (bottom)	<b><u>Prickly Pear UF 6-23D-12-15</u></b> NWSW, 1361' FSL & 681' FWL, Sec. 23, T12S, R15E (surface) SENE, 1980' FNL & 1980' FWL, Sec. 23, T12S, R15E (bottom)
<b><u>Prickly Pear UF 11-23D-12-15</u></b> NWSW, 1353' FSL & 679' FWL, Sec. 23, T12S, R15E (surface) NESW, 2011' FSL & 1937' FWL, Sec. 23, T12S, R15E (bottom)	<b><u>Prickly Pear UF 14-23D-12-15</u></b> NWSW, 1345' FSL & 677' FWL, Sec. 23, T12S, R15E (surface) SENE, 690' FSL & 1917' FWL, Sec. 23, T12S, R15E (bottom)
<b><u>Prickly Pear UF 4-26D-12-15</u></b> NWSW, 1337' FSL & 675' FWL, Sec. 23, T12S, R15E (surface) NWNW, 618' FSL & 591' FWL, Sec. 26, T12S, R15E (bottom)	

The onsite inspection for this pad occurred on July 11, 2008. This is an existing pad with one existing vertical well bore and three existing directional well bores. One additional directional well has previously been submitted but not approved on this pad (Prickly Pear UF12-23D-12-15) with an additional five directional well bores proposed by EnerVest Operating, LLC (EnerVest) at this time. Ten total well bores are proposed at this time from the existing pad. The pad is located on BLM managed federal surface and mineral.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

**An off-unit / off-lease federal right-of-way (ROW) is not anticipated at this time since the proposed well bores are within the Prickly Pear Federal Unit area.**

1. **Existing Roads:**

- a. The existing well site is located approximately 49.7 miles south of Myton, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic Maps A and B).
- b. The use of roads under State and County Road Department maintenance are necessary to access the Prickly Pear area. However, an encroachment permit is not anticipated and no upgrades to the State or County road systems proposed at this time.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of

EnerVest Operating Company, LLC  
Surface Use Plan  
Prickly Pear Unit Federal 23D Pad  
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surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.

- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- e. All existing roads would be maintained and kept in good repair during all phases of operation.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.

2. New or Reconstructed Access Roads:

- a. No new or reconstructed access road is proposed with this application. Access will utilize the existing 1.5 miles of access to the existing pad area from the Carbon County maintained Prickly Pear Canyon road.

3. Location of Existing Wells:

- a. Topographic map C reflects the wells with surface hole locations within a one-mile radius of the proposed pad.

4. Location of Production Facilities

- a. Some permanent structures/facilities will be shared between wells to be drilled from this pad. Each well will have its own meter run and separator. Pending the evaluation of completion operations, additional water and/or oil tanks may be added, if necessary.
- b. A tank battery(s) will be constructed on this well pad; the tank battery will consist of one OPA test tank, one IPA test tank, three IPA production tanks, two OPA production tanks & one blow down tank two production water tanks. The ten tanks will be 400 barrel tanks. The tank battery will

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be surrounded by a berm sufficient to contain the storage capacity of 1.1 times the single largest tank inside the berm. All loading lines and valves will be placed inside the berm surrounding the tank battery or will have a secondary containment vessel. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. EnerVest requests permission to install the necessary production/operation facilities with this application. Any variances from this would be submitted via a sundry notice.

- b. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines. A generator and pump will also be installed on the pad to facilitate liquid transfer to recycling, processing and disposal facilities elsewhere in the field.
- c. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. Meters may be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10-ft tall. Combustor placement would be on existing disturbance and would not be closer than 50-ft to any tank or well heads.
- e. A pipe pig launching station will be maintained within the pad area for the purpose of de-liquefying the existing pipeline.
- f. Approximately 1.5 miles of existing pipeline within the proposed Prickly Pear Federal Unit area is proposed for continued utilization. The existing pipeline crosses entirely BLM managed federal surface and requires no expansion or upgrade for use (see Topographic Map B).
- g. All permanent above-ground structures would be painted a flat, non-reflective Olive Black color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities required for compliance with the Occupational Safety and Health Act (OSHA) may be excluded.
- h. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to

EnerVest Operating Company, LLC  
Surface Use Plan  
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proposed facilities would be reflected in the site security diagram submitted.

- i. To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- j. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

- a. EnerVest would use water consistent with valid approvals granted by the Utah State Engineer's Office under water rights:
  - 90-1869 (10 acre-feet),
  - 90-1864 (4.73 acre-feet),
  - 90-4 (0.3 cfs),
  - 90-1868 (30 acre feet),
  - 90-1866 (161.3 acre feet).
- b. Water for dust suppression, drilling and completion would be trucked from existing permitted diversions along Nine Mile Creek, NE/4, Section 3, T12S-R14E or from a water well located within SE/4, Section 13-T12S-R14E. For either of these sources, trucks would haul the water, traveling Harmon Canyon dugway to the Prickly Pear project area.
- c. No new water well is proposed with this application.
- d. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.
- e. Water use would vary in accordance with the formations to be drilled but would be up to approximately one acre foot for dust suppression, drilling and completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be removed from the lease.
- c. If any additional gravel is required, it would be obtained from a permitted SITLA materials pit or local supplier having a permitted source of materials within the general area.

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7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.

**Closed Loop Drilling System**

- b. EnerVest intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 250-ft x 100-ft cuttings trench (indicated as reserve pit on Figure 1 located outboard of the location along the west side of the pad).
- c. The cuttings trench would be lined with a 20 mil liner. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

**Conventional or Semi-Closed Loop Drilling System**

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The 20 mil pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 feet of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.



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### **Completion Pit**

- h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

### **Other**

- i. Produced fluids from the wells other than water would be decanted into steel test tanks until such time as construction of production facilities is completed. Produced water may be used in further drilling and completion activities, evaporated in the pit or would be hauled to a state approved disposal facility.
- j. After initial clean-up and based on volumes, EnerVest would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- l. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, EnerVest could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO2 gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.

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- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste.
- o. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up daily.
- p. Sanitary waste equipment and trash bins would be removed from the Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- q. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. EnerVest would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances EnerVest proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- r. Hydrocarbons would be removed from the reserve pit as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.
- s. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

8. Ancillary Facilities:

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Surface Use Plan  
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Carbon County, UT

- a. Garbage containers and portable toilets would be located on the well pad.
- b. BLM approved and permitted storage yards for casing, tubing and other equipment and temporary housing areas would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- a. The well would be properly identified in accordance with 43 CFR 3162.6.
- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1, 2 & 3).
- c. The pad and road designs are consistent with industry specifications.
- d. The pad has been staked at its maximum size of 512 feet x 189 feet with a 250 feet x 100 feet cuttings trench/reserve pit/completion pit outboard of the pad. The pad would utilize 5.850 acres of existing disturbance and 2.083 acres of new disturbance for a total disturbed area of 7.933 acres. The location layout and cross section diagrams are enclosed as Figures 1 and 2.
- e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- f. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- g. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- h. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by EnerVest as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.

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- i. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- j. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- l. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- m. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

*Interim Reclamation*

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad, CTB or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. EnerVest would apply and meet BLM's Green River District Reclamation Standards, as practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, CTB's or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, corridor disturbance would be reduced to the minimum necessary for safe operation of the facility. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.

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- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

*Final Reclamation*

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, CTB's etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, EnerVest would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad and CTB. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by EnerVest would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. EnerVest would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1-foot on 1.5-foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattle guards, and signs would be removed as roads are abandoned.

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11. Surface and Mineral Ownership:

- a. Surface ownership – Federal under the management of the BLM – Price Field Office.
- b. Mineral ownership – Federal under the management of the BLM – Price Field Office.

12. Other Information:

- a. Montgomery Archeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as report MOAC Report No. 05-447 dated October 21, 2005.
- b. EnerVest would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs within the Project Area.
  - No firearms within the Project Area.
  - No littering within the Project Area.
  - Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
  - Campfires or uncontained fires of any kind would be prohibited within the Project Area.
  - Portable generators used in the Project Area would have spark arrestors.

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OPERATOR CERTIFICATION

Certification:

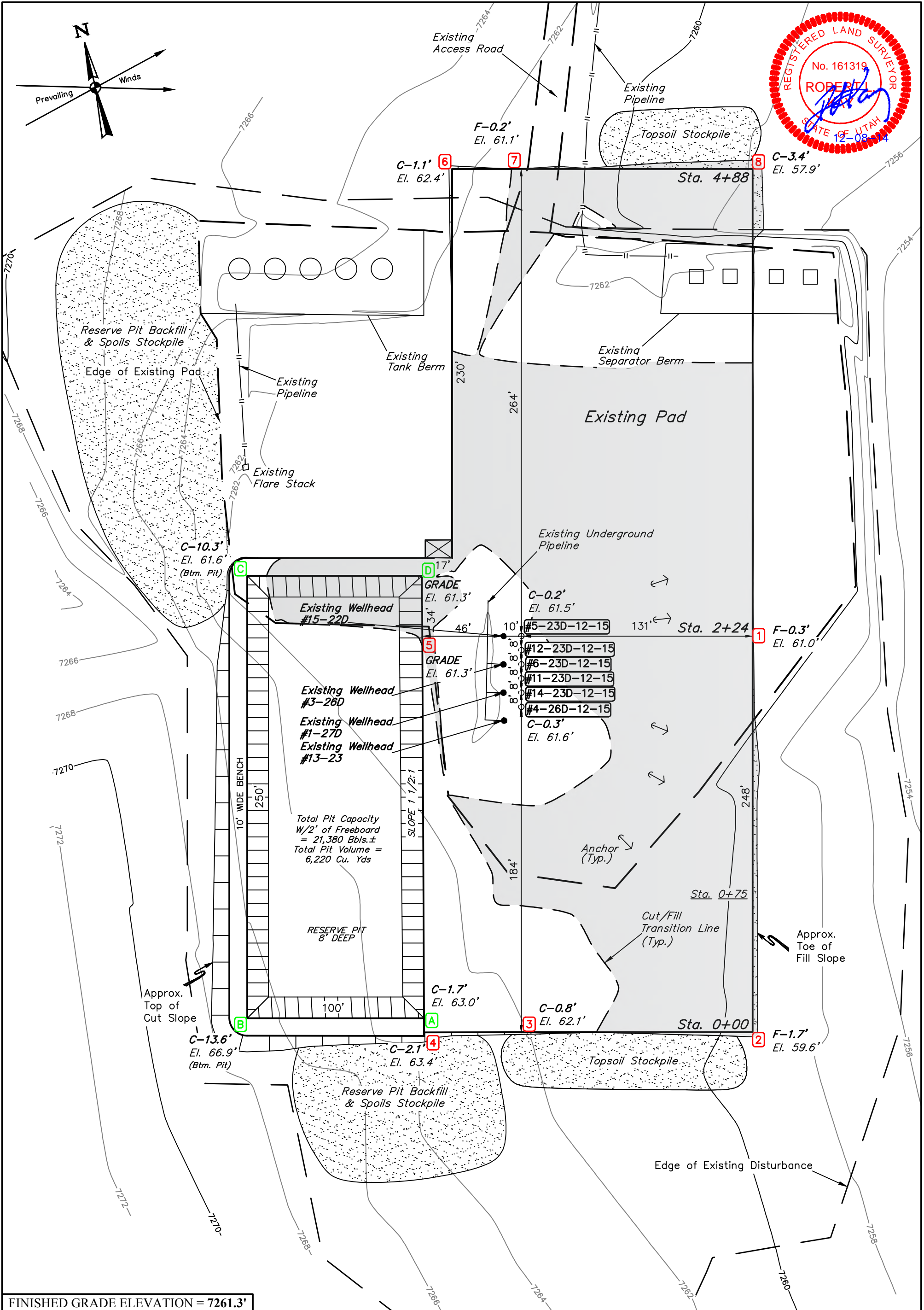
I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under EnerVest Operating, LLC's federal nationwide bond (B008557). These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed	December 30, 2014
Name:	Don Hamilton
Position Title:	Permitting Agent
Address:	2580 Creekview Road, Moab, Utah 84532
Telephone:	435-650-3866
E-mail:	starpoint@etv.net
Field Representative	Mike Angus – Superintendent
Address:	6250 S Highway 40. Myton, UT 84052-8405.
Telephone:	435-722-5016 (office); 435-724-8016 (mobile)
E-mail:	mangus@enervest.net

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Don Hamilton – Permitting Agent





FINISHED GRADE ELEVATION = 7261.3'

- NOTES:**
- Flare pit is to be located a min. of 100' from the wellhead.
  - Contours shown at 2' intervals.
  - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

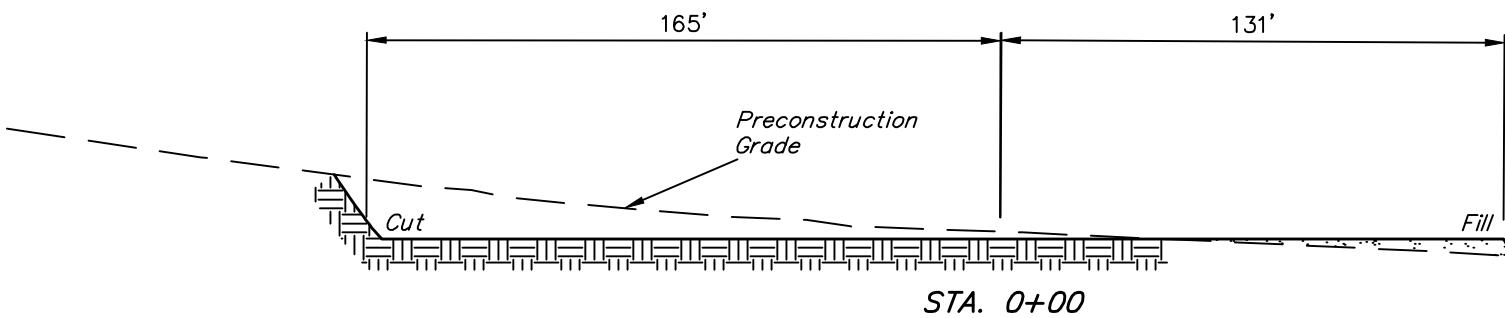
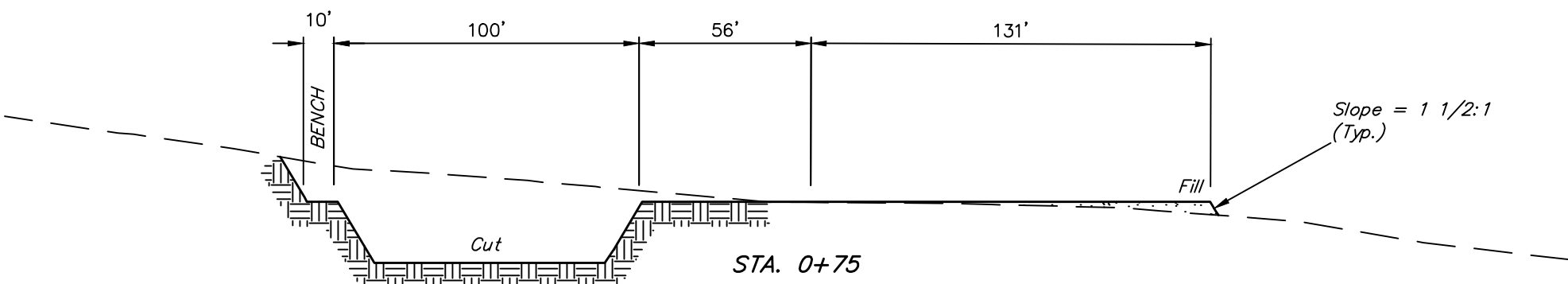
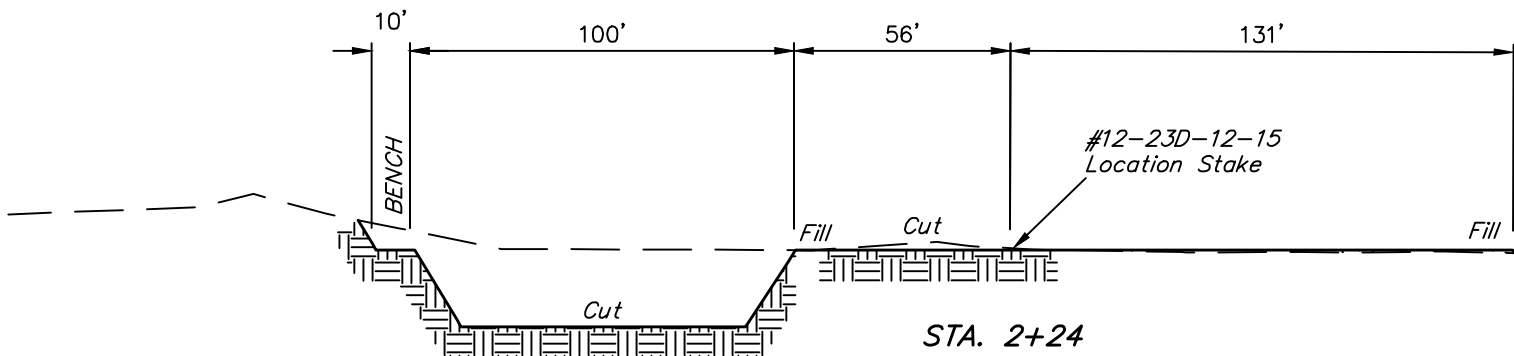
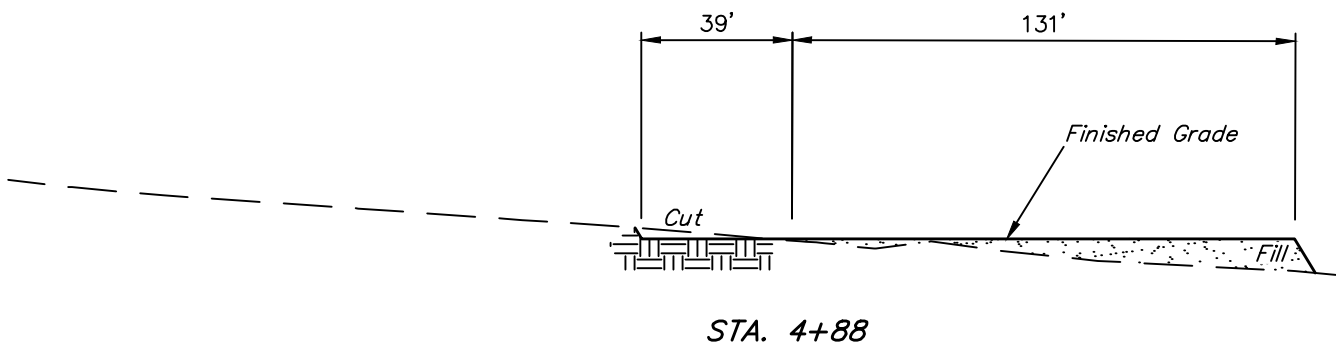
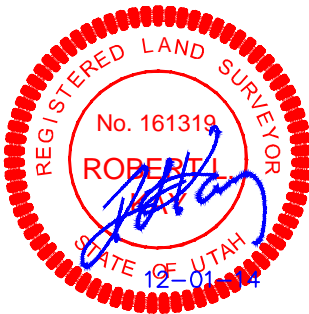
**ENERVEST OPERATING, LLC**  
**PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,**  
**#14-23D-12-15, #11-23D-12-15, #6-23D-12-15,**  
**#5-23D-12-15 & #12-23D-12-15**  
**SECTION 23, T12S, R15E, S.L.B.&M. NW 1/4 SW 1/4**

DRAWN BY: C.C.	DATE DRAWN: 07-02-08
SCALE: 1" = 50'	REVISED: 12-06-14 C.D.
<b>LOCATION LAYOUT</b>	<b>FIGURE #1</b>



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

1" = 20'  
X-Section  
Scale  
1" = 50'



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	1,070 Cu. Yds.
REMAINING LOCATION	8,730 Cu. Yds.
TOTAL CUT	9,800 Cu. Yds.
FILL	1,700 Cu. Yds.
EXCESS MATERIAL	8,100 Cu. Yds.
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	4,180 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	3,920 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
EXISTING WELL SITE DISTURBANCE	NA	±5.850
NEW WELL SITE DISTURBANCE	NA	±2.083
TOTAL SURFACE USE AREA		±7.933

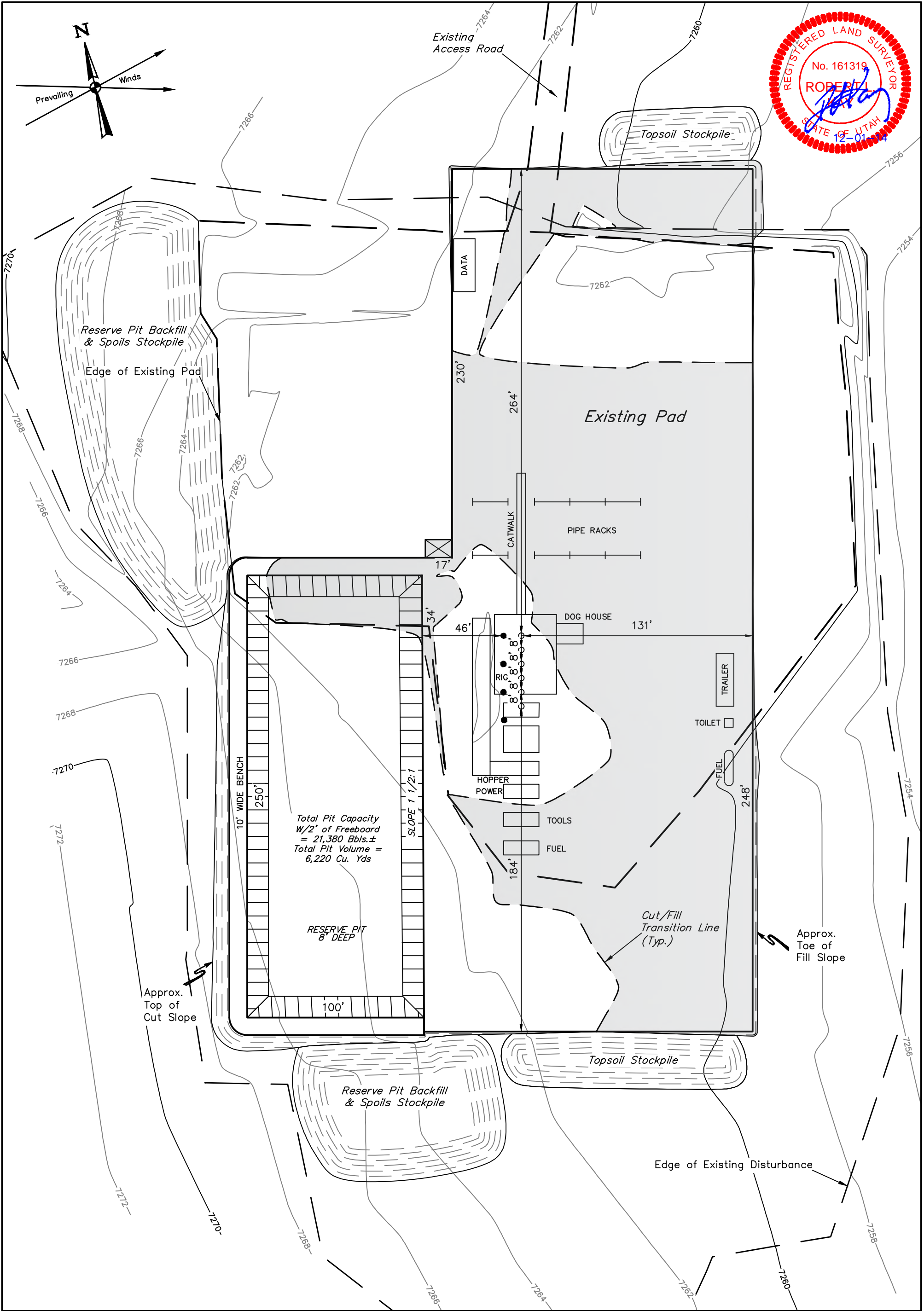
- NOTES:
- Fill quantity includes 5% for compaction.
  - Calculations based on 6" of topsoil stripping.
  - Topsoil should not be stripped below finished grade on substructure area.

ENERVEST OPERATING, LLC  
PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,  
#14-23D-12-15, #11-23D-12-15, #6-23D-12-15,  
#5-23D-12-15 & #12-23D-12-15  
SECTION 23, T12S, R15E, S.L.B.&M. NW 1/4 SW 1/4



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: C.C.	DATE DRAWN: 07-02-08
SCALE: AS SHOWN	REVISED: 12-01-14 C.D.
TYPICAL CROSS SECTIONS	FIGURE #2



**NOTES:**

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

**ENERVEST OPERATING, LLC**

**PRICKLY PEAR UNIT FEDERAL #4-26D-12-15, #14-23D-12-15, #11-23D-12-15, #6-23D-12-15, #5-23D-12-15 & #12-23D-12-15**

**SECTION 23, T12S, R15E, S.L.B.&M. NW 1/4 SW 1/4**

DRAWN BY: C.D.	DATE DRAWN: 11-04-14
SCALE: 1" = 50'	REVISED: 12-01-14 C.D.

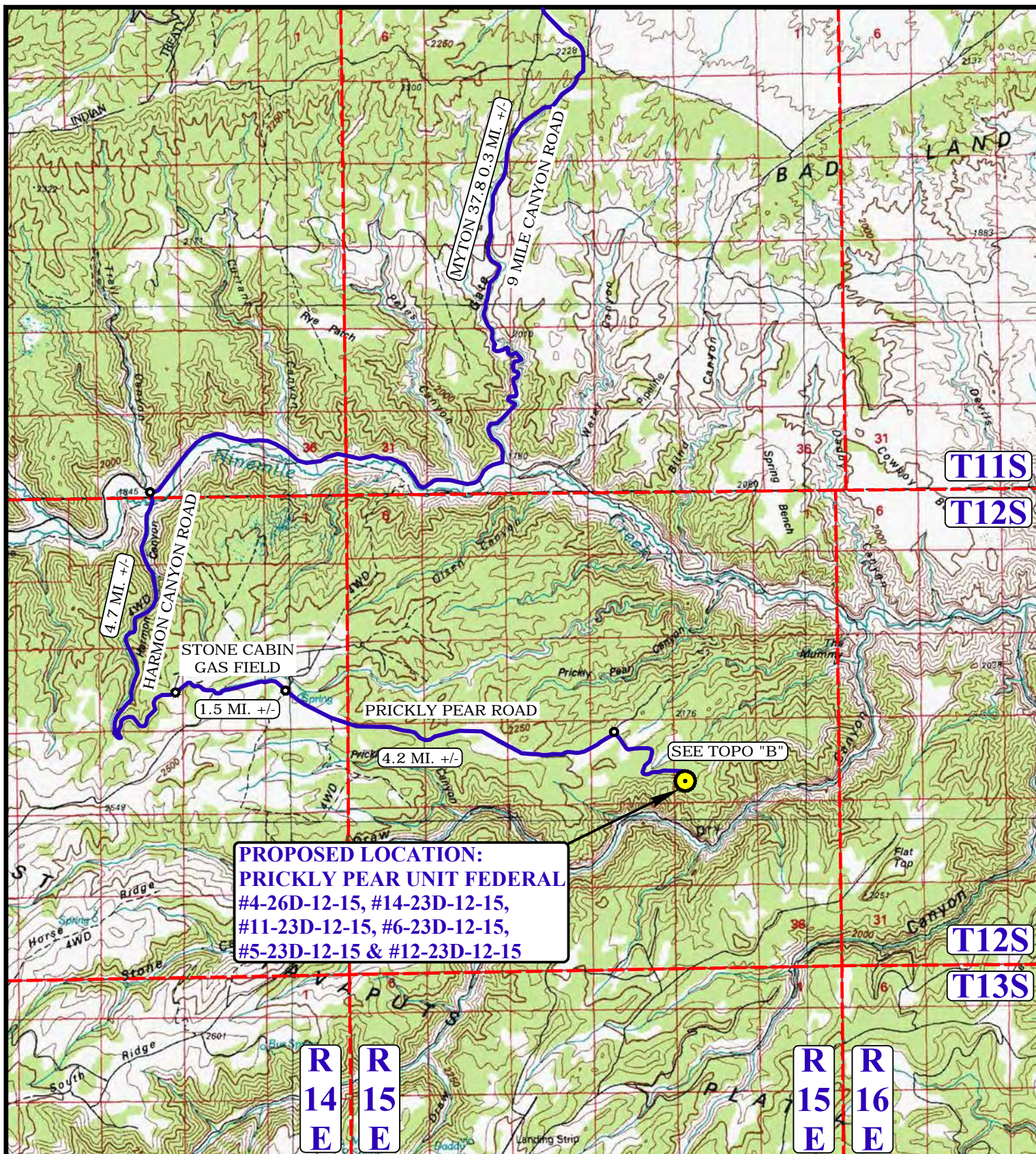
**TYPICAL RIG LAYOUT**

**FIGURE #3**



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017





**PROPOSED LOCATION:**  
**PRICKLY PEAR UNIT FEDERAL**  
 #4-26D-12-15, #14-23D-12-15,  
 #11-23D-12-15, #6-23D-12-15,  
 #5-23D-12-15 & #12-23D-12-15

**LEGEND:**



**PROPOSED LOCATION**

**ACCESS ROAD**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

**ENERVEST OPERATING, LLC**

**PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,**  
 #14-23D-12-15, #11-23D-12-15,  
 #6-23D-12-15, #5-23D-12-15 & #12-23D-12-15  
 SECTION 23, T12S, R15E, S.L.B. & M.  
 NW 1/4 SW 1/4

DRAWN BY: J.J.

DATE DRAWN: 07-10-08

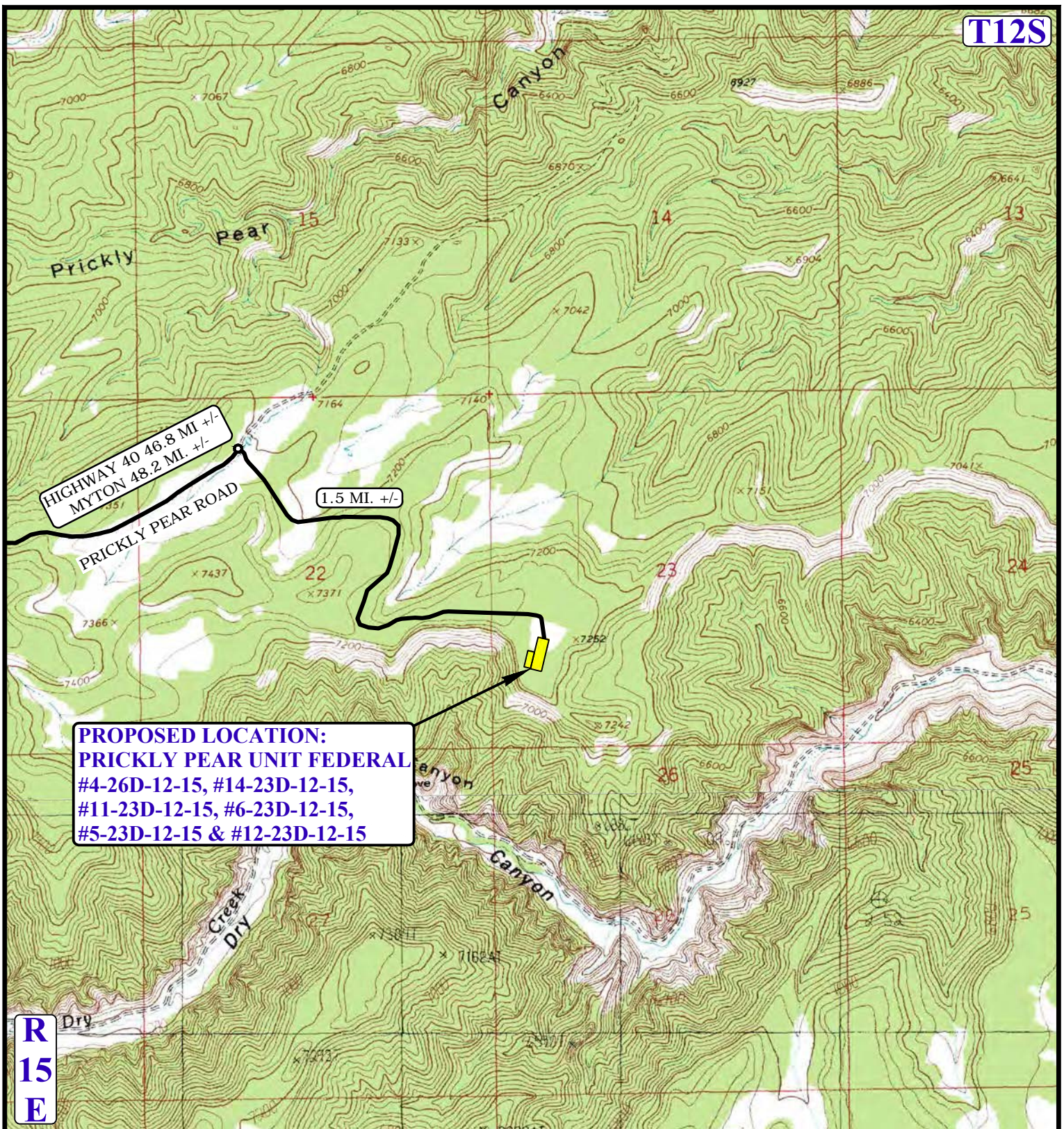
SCALE: 1:100,000

REVISED: 12-02-14 N.W.

**ACCESS ROAD MAP**

**TOPO A**





NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

— EXISTING ROAD  
 - - - PROPOSED ROAD

**ENERVEST OPERATING, LLC**

**PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,  
 #14-23D-12-15, #11-23D-12-15,  
 #6-23D-12-15, #5-23D-12-15 & #12-23D-12-15  
 SECTION 23, T12S, R15E, S.L.B. & M.  
 NW 1/4 SW 1/4**

DRAWN BY: J.J.

DATE DRAWN: 07-10-08

SCALE: 1" = 2000'

REVISED: 12-02-14 N.W.

**ACCESS ROAD MAP**

**TOPO B**

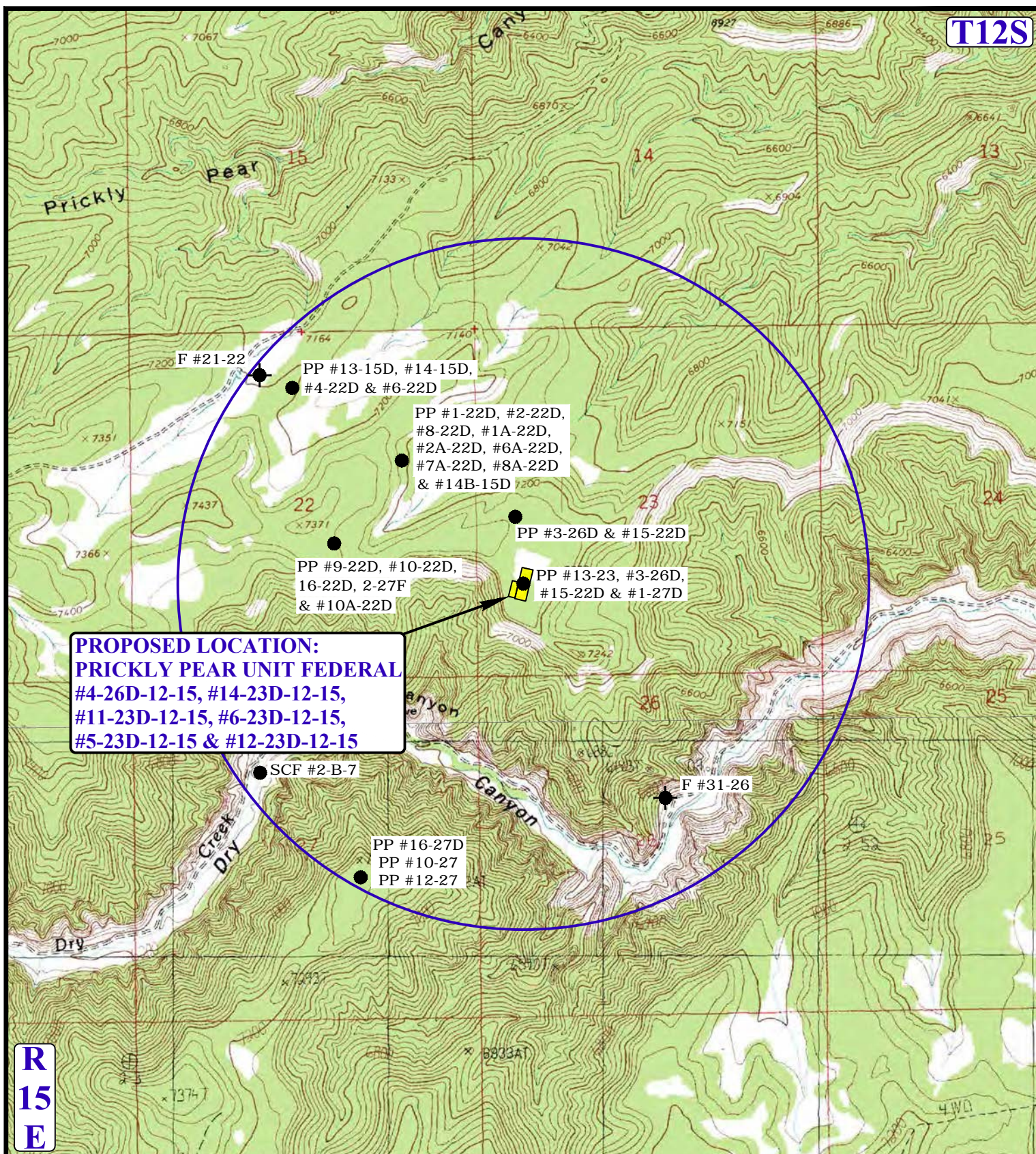


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**RECEIVED:** Feb. 03, 2015





**LEGEND:**

- Ø DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**ENERVEST OPERATING, LLC**

**PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,  
 #14-23D-12-15, #11-23D-12-15,  
 #6-23D-12-15, #5-23D-12-15 & #12-23D-12-15  
 SECTION 23, T12S, R15E, S.L.B. & M.  
 NW 1/4 SW 1/4**

DRAWN BY: J.J.

DATE DRAWN: 07-10-08

SCALE: 1" = 2000'

REVISED: 12-02-14 N.W.

**WELL PROXIMITY MAP**

**TOPO C**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017





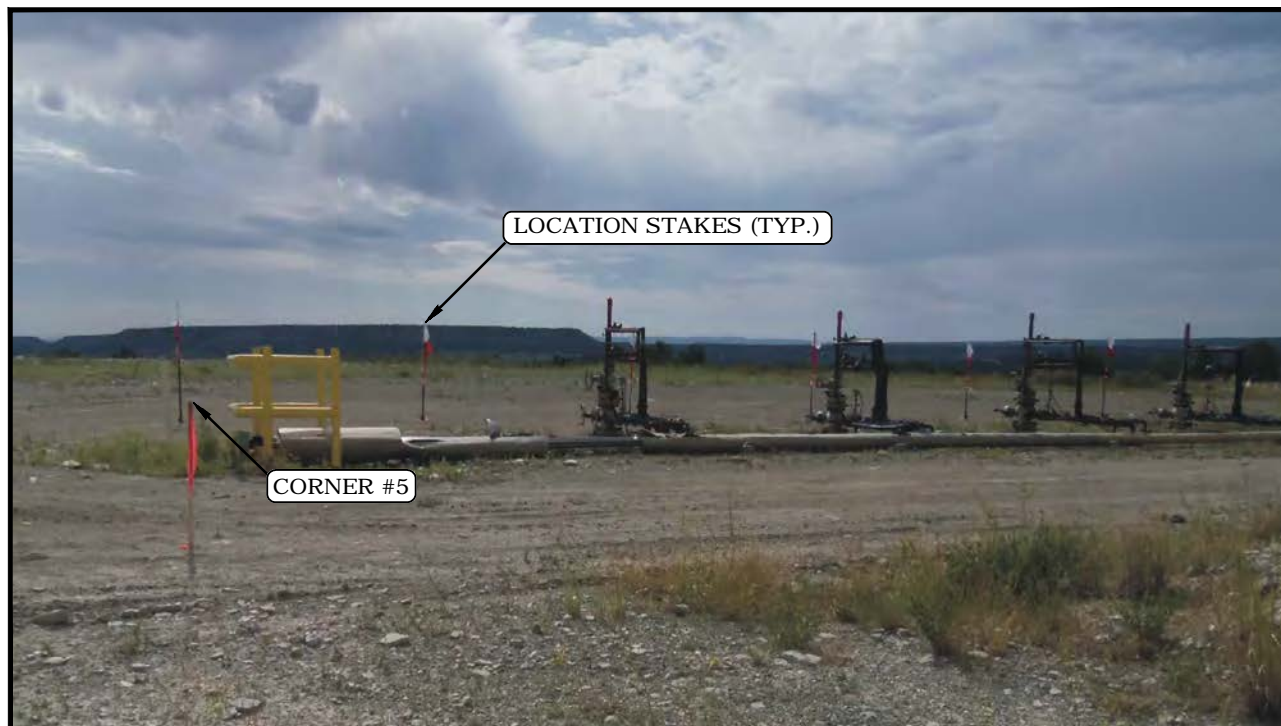


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHERLY

### ENERVEST OPERATING, LLC

PRICKLY PEAR UNIT FEDERAL #4-26D-12-15,  
#14-23D-12-15, #11-23D-12-15,  
#6-23D-12-15, #5-23D-12-15 & #12-23D-12-15  
SECTION 23, T12S, R15E, S.L.B. & M.  
NW 1/4 SW 1/4



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

DRAWN BY: J.J.	DATE DRAWN: 07-10-08
TAKEN BY: L.K.	REVISED: 12-02-14 N.W.
<b>LOCATION PHOTOS</b>	<b>PHOTO</b>

RECEIVED: Feb. 03, 2015



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73896
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ENERVEST OPERATING, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1001 Fannin Street, Suite 800 , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 4-26D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1337 FSL 0675 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 23 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007314410000
<b>PHONE NUMBER:</b> 713 659-3500 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/15/2016</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EnerVest Operating, LLC requests a one year drilling permit extension for the referenced well. This is the seventh extension that has been requested.

Approved by the  
August 17, 2015  
Oil, Gas and Mining

Date: \_\_\_\_\_

By:

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 650-3866	<b>TITLE</b> Permitting Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/13/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43007314410000**

**API:** 43007314410000

**Well Name:** PRICKLY PEAR UF 4-26D-12-15

**Location:** 1337 FSL 0675 FWL QTR NWSW SEC 23 TWNP 120S RNG 150E MER S

**Company Permit Issued to:** ENERVEST OPERATING, LLC

**Date Original Permit Issued:** 8/13/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Don Hamilton

**Date:** 8/13/2015

**Title:** Permitting Agent **Representing:** ENERVEST OPERATING, LLC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Replaced  
5/13/15  
FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>	5. Lease Serial No. UTU73896
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name
2. Name of Operator ENERVEST OPERATING LLC		Contact: DON S HAMILTON E-Mail: starpoint@etv.net	7. If Unit or CA Agreement, Name and No. UTU79487H
3a. Address 1001 FANNIN STREET SUITE 800 HOUSTON, TX 77002-6707		3b. Phone No. (include area code) Ph: 435.650.3866 Fx: 435.719.2019	8. Lease Name and Well No. PRICKLY PEAR UF 4-26D-12-15
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSW 1337FSL 675FWL 39.755600 N Lat, 110.211183 W Lon At proposed prod. zone NWNW 618FNL 591FWL 39.750231 N Lat, 110.211414 W Lon		9. API Well No. 43-007-31441-00-X1	
14. Distance in miles and direction from nearest town or post office* 49.7 MILES SOUTH OF MYTON UT		10. Field and Pool, or Exploratory PRICKLY PEAR	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 675		11. Sec., T., R., M., or Blk. and Survey or Area Sec 23 T12S R15E Mer SLB SME: BLM	
16. No. of Acres in Lease 1920.00		12. County or Parish CARBON	
17. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 8		13. State UT	
18. Proposed Depth 7834 MD 7368 TVD		17. Spacing Unit dedicated to this well 40.00	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 7261 GL		20. BLM/BIA Bond No. on file UTB000615	
22. Approximate date work will start 01/15/2015		23. Estimated duration 60 DAYS	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435.650.3866	Date 12/30/2014
Title PERMITTING AGENT		
Approved by (Signature) <i>Amanda Harrington</i>	Name (Printed/Typed) Amanda Harrington	Date 9-30-15
Title Asst. FIELD MANAGER		
Office PRICE FIELD OFFICE		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #286514 verified by the BLM Well Information System  
For ENERVEST OPERATING LLC, sent to the Price  
Committed to AFMSS for processing by PRISCILLA WHITE on 01/07/2015 (15PCW0140AE)

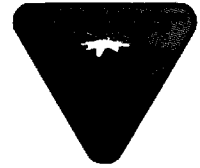
CONDITIONS OF APPROVAL ATTACHED

NOTICE OF  
APPROVAL

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
PRICE FIELD OFFICE



125 SOUTH 600 WEST PRICE, UT 84501 (435) 636-3600

**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: EnerVest Operating LLC  
Well No: Prickly Pear Unit Federal 4-26D-12-15  
API No: 43-007-31441

Surface Location: NWSW-Sec 23-T12S-R15E  
Lease No: UTU-73896  
Agreement:

Title	Name	Office Phone Number	Cell Phone Number
Field Manager & Authorized Officer:	Ahmed Mohsen	(435)-636-3637	
Petroleum Engineer:	Leslie Peterson	(435) 636-3661	(435) 650-9136
Petroleum Engineering Technician:	Angela Wadman	(435) 636-3662	(435) 632-8595
Petroleum Engineering Technician:	James Lamb	(435) 636-3615	(435) 650-9140
NRS/Physical Scientist:	Don Stephens	(435) 636-3608	

Fax: (435) 636-3657

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

UDOGM

## **DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)**

### **SITE SPECIFIC DRILLING & PRODUCTION COAs**

- Since the wellbore is located within ¼ mile from a cliff face, the surface casing shall be set at a minimum depth of 1500'. If water is encountered, the operator will mud up conventionally with fresh water mud. Additional cement will be needed to circulate to surface.
- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- The proposal included options for using one of two different grades of surface casing. Either of these options may be used.
- Surface casing shall be cemented to surface. The cement volume shall be adjusted to accommodate the greater casing length. Cementing jobs where cement reaches surface, then falls back downhole, shall be topped off as necessary until such time the cement remains in-place at surface, prior to starting drilling operations on the next casing string.
- When cementing the production casing, the cement job shall contain sufficient volume to attempt full coverage of exposed hole behind pipe to protect all usable waters, lost circulation zones and other minerals which may be encountered while drilling to total depth, and also provide a minimum 200' foot overlap above the surface casing shoe. A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.

### **VARIANCES GRANTED**

- Operator's request for a variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- Operator's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
  1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  3. Thermowells must be placed downstream of the orifice in accordance with API 14.3 (1985).
  4. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

## **STANDARD OPERATING REQUIREMENTS**

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.
- The Price Field Office petroleum engineer will be notified 24 hours prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- The requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed when operations are being conducted in zones which are known or could reasonably be expected to contain H<sub>2</sub>S or which, when flared, could produce SO<sub>2</sub>, in such concentrations that upon release could constitute a hazard to human life. These requirements do not apply when operating in zones where H<sub>2</sub>S is presently known not to be present or cannot reasonably be expected to be present in concentrations of 100 ppm or more in the gas stream.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The closing unit controls shall remain unobstructed and readily accessible at all times, and choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office. A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or flare gas during production operations requires prior approval from the Price Field Office.



- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.
- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office upon request.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which drilling operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

***SURFACE USE  
CONDITIONS OF APPROVAL***

Project Name: EnerVest Operating LLC SW 23 Pad

Operator: EnerVest Operating LLC

**List of Wells:**

<b>Name</b>	<b>Number</b>	<b>Section</b>	<b>TWP/RNG</b>
Prickly Pear Federal	5-23D-12-15	23	12S/15E
Prickly Pear Federal	6-23D-12-15		
Prickly Pear Unit Federal	11-23D-12-15		
Prickly Pear Unit Federal	14-23D-12-15		
Prickly Pear Unit Federal	4-26D-12-15		

**I To be followed as Conditions of Approval:**

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

**II Site Specific Conditions of Approval**

1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.

2. The cuttings trench shall be lined.
3. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
4. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
5. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
6. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.
7. The operator shall on an annual basis report to the BLM their total as built surface disturbance for the WTP Project area with shape files included.
8. The well pad and access road shall be constructed during the period between April 15 and December 1.

### **III Standard Conditions of Approval**

#### **A. General**

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

#### **B. Construction**

1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

### **C. Operations/Maintenance**

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

### **D. Dry Hole/Reclamation**

1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

### **E. Producing Well**

1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

### **F. Roads and Pipelines**

1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.



Diana Mason <dianawhitney@utah.gov>

## RE: Expired APDs

Star Point Enterprises, Inc. <starpoin@etv.net>

Fri, Aug 12, 2016 at 8:40 AM

To: Diana Mason <dianawhitney@utah.gov>

Diana;

EnerVest Operating, LLC respectfully requests that the following wells be rescinded or allowed to expire. The associated federal permits have or will expire very soon.

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Don Hamilton

-----Original Message-----

From: Diana Mason [mailto:dianawhitney@utah.gov]

Sent: Thursday, August 11, 2016 3:49 PM

To: Star Point <starpoint@etv.net>

Subject: Fwd: Expired APDs

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> Thank you,

> Diana

>





GARY R. HERBERT  
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SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 16, 2016

Don Hamilton  
Enervest Operating, LLC  
1001 Fannin St Ste 800  
Houston, TX 77002

Re: APDs Rescinded for Enervest Operating, LLC., Carbon County


Dear Mr. Hamilton:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of July 12, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Price



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